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OM nucleic - nucleic search, using sw model

Run on: May 3, 2004, 10:51:06 ; Search time 26 Seconds
(without alignments)
3.768 Million cell updates/sec

Title: us-10-017-621-3
Perfect score: 1745
Sequence: 1 tggagcgcgttaagatg.....gttcacctgccactgtccc 1745

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 1450 seqs, 28074 residues

Total number of hits satisfying chosen parameters: 2900

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1475 summaries

Database : rnpb.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	22.4	1.3	33	1	US-10-169-580-18
2	22.4	1.3	33	1	US-10-169-580-19
3	22	1.3	32	1	US-10-017-621-5
4	21.6	1.2	31	1	US-09-801-274-752
5	21	1.2	31	1	US-09-801-274-94
6	20.2	1.2	27	1	US-10-418-182-140
7	20	1.1	20	1	US-10-017-621-10
8	20	1.1	20	1	US-10-017-621-11
9	20	1.1	20	1	US-10-017-621-12
10	20	1.1	20	1	US-10-017-621-13
11	20	1.1	20	1	US-10-017-621-14
12	20	1.1	20	1	US-10-017-621-15
13	20	1.1	20	1	US-10-017-621-16
14	20	1.1	20	1	US-10-017-621-17
15	20	1.1	20	1	US-10-017-621-18
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18	20	1.1	20	1	US-10-017-621-21
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20	20	1.1	20	1	US-10-017-621-23
21	20	1.1	20	1	US-10-017-621-24
22	20	1.1	20	1	US-10-017-621-25
23	20	1.1	20	1	US-10-017-621-26
24	20	1.1	20	1	US-10-017-621-27
25	20	1.1	20	1	US-10-017-621-28
26	20	1.1	20	1	US-10-017-621-29
27	20	1.1	20	1	US-10-017-621-30
28	20	1.1	20	1	US-10-017-621-31
29	20	1.1	20	1	US-10-017-621-32
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88	19	1.1	20	1	US-10-188-779A-180
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92	18.6	1.1	25	1	US-10-060-756A-3582
93	18.6	1.1	25	1	US-10-098-263B-102019
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95	18.2	1.0	27	1	US-09-866-108-15294
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					Sequence 105, Appl
					Sequence 106, Appl

C 107	17	1.0	20	1	US-09-776-479-311	Sequence 311, App	C 180	15.2	0.9	20	1	US-10-035-485A-60	Sequence 60, Appl
C 108	17	1.0	20	1	US-09-776-479-311	Sequence 311, App	C 181	15.2	0.9	20	1	US-10-233-942-9	Sequence 9, Appl
C 109	17	1.0	20	1	US-10-345-444B-31	Sequence 31, Appl	C 182	15.2	0.9	20	1	US-10-233-942-40	Sequence 40, Appl
C 110	17	1.0	20	1	US-10-345-444B-42	Sequence 42, Appl	C 183	15.2	0.9	20	1	US-10-238-442-29	Sequence 29, Appl
C 111	17	1.0	20	1	US-10-314-578-311	Sequence 311, App	C 184	15.2	0.9	20	1	US-10-380-931-172	Sequence 172, App
C 112	17	1.0	20	1	US-10-112-653-301	Sequence 301, App	C 185	15.2	0.9	20	1	US-10-159-856-69	Sequence 69, Appl
C 113	17	1.0	20	1	US-10-017-995-311	Sequence 311, App	C 186	15.2	0.9	20	1	US-10-159-856-123	Sequence 123, App
C 114	17	1.0	20	1	US-10-291-808-73	Sequence 73, App	C 187	15.2	0.9	20	1	US-10-174-771-50	Sequence 50, Appl
C 115	17	1.0	25	1	US-10-098-263B-48152	Sequence 48152, A	C 188	15.2	0.9	20	1	US-10-174-771-120	Sequence 120, App
C 116	17	1.0	25	1	US-10-098-263B-102020	Sequence 102020, A	C 189	15.2	0.9	20	1	US-10-188-779A-50	Sequence 50, Appl
C 117	17	1.0	25	1	US-10-098-263B-128708	Sequence 128708, A	C 190	15.2	0.9	20	1	US-10-188-779A-200	Sequence 200, App
C 118	17	1.0	26	1	US-10-016-248-132	Sequence 132, App	C 191	15.2	0.9	20	1	US-10-177-896-26	Sequence 26, Appl
C 119	16.8	1.0	20	1	US-10-007-010-56	Sequence 56, Appl	C 192	15.2	0.9	20	1	US-10-177-896-60	Sequence 60, Appl
C 120	16.6	1.0	23	1	US-10-323-463-3	Sequence 3, Appl	C 193	15.2	0.9	20	1	US-10-189-266-25	Sequence 25, Appl
C 121	16.6	1.0	24	1	US-09-898-779-109	Sequence 109, App	C 194	15.2	0.9	20	1	US-10-189-266-52	Sequence 52, Appl
C 122	16.6	1.0	24	1	US-10-289-743-7	Sequence 7, Appl	C 195	15.2	0.9	20	1	US-10-189-266-99	Sequence 99, Appl
C 123	16.6	1.0	24	1	US-10-140-210-7	Sequence 7, Appl	C 196	15.2	0.9	20	1	US-10-189-266-119	Sequence 119, App
C 124	16.6	1.0	25	1	US-09-866-108-15293	Sequence 15293, A	C 197	15.2	0.9	20	1	US-10-199-199-58	Sequence 58, Appl
C 125	16.6	1.0	25	1	US-09-866-108-15297	Sequence 15297, A	C 198	15.2	0.9	21	1	US-09-174-186-4	Sequence 4, Appl
C 126	16.6	1.0	25	1	US-09-827-998-1391	Sequence 1391, Ap	C 199	15.2	0.9	21	1	US-09-828-034-11	Sequence 11, Appl
C 127	16.6	1.0	25	1	US-09-827-998-1392	Sequence 1392, Ap	C 200	15.2	0.9	21	1	US-09-828-034-30	Sequence 30, Appl
C 128	16.6	1.0	25	1	US-09-827-998-1393	Sequence 1393, Ap	C 201	15.2	0.9	21	1	US-09-843-388-21	Sequence 21, Appl
C 129	16.6	1.0	25	1	US-10-675-685-1391	Sequence 1391, Ap	C 202	15.2	0.9	21	1	US-09-835-371-1	Sequence 1, Appl
C 130	16.6	1.0	25	1	US-10-675-685-1392	Sequence 1392, Ap	C 203	15.2	0.9	21	1	US-09-835-371-18	Sequence 18, Appl
C 131	16.6	1.0	25	1	US-10-675-685-1393	Sequence 1393, Ap	C 204	15.2	0.9	21	1	US-09-835-371-19	Sequence 19, Appl
C 132	16.6	1.0	25	1	US-10-060-756A-3579	Sequence 3579, Ap	C 205	15.2	0.9	21	1	US-09-835-370-1	Sequence 1, Appl
C 133	16.6	1.0	25	1	US-10-060-756A-3584	Sequence 3584, Ap	C 206	15.2	0.9	21	1	US-09-835-370-13	Sequence 13, Appl
C 134	16.6	1.0	25	1	US-10-215-112-12033	Sequence 12033, A	C 207	15.2	0.9	21	1	US-09-902-953-3	Sequence 3, Appl
C 135	16.6	1.0	25	1	US-10-098-263B-47771	Sequence 47771, A	C 208	15.2	0.9	21	1	US-09-727-030C-27	Sequence 27, Appl
C 136	16.6	1.0	25	1	US-10-098-263B-51199	Sequence 51199, A	C 209	15.2	0.9	21	1	US-10-181-200-3	Sequence 3, Appl
C 137	16.6	1.0	25	1	US-10-066-965A-30	Sequence 30, Appl	C 210	15.2	0.9	21	1	US-10-181-200-7	Sequence 7, Appl
C 138	16.4	0.9	20	1	US-10-177-554-47	Sequence 47, Appl	C 211	15.2	0.9	21	1	US-10-071-822A-6	Sequence 6, Appl
C 139	16.4	0.9	20	1	US-10-177-554-183	Sequence 183, App	C 212	15.2	0.9	21	1	US-10-071-822A-6	Sequence 6, Appl
C 140	16.4	0.9	20	1	US-09-828-034-31	Sequence 31, Appl	C 213	15.2	0.9	21	1	US-10-029-598-48	Sequence 48, Appl
C 141	16.4	0.9	21	1	US-09-726-774-65	Sequence 65, Appl	C 214	15.2	0.9	21	1	US-10-029-598-56	Sequence 56, Appl
C 142	16.2	0.9	21	1	US-10-156-995-213	Sequence 213, App	C 215	15.2	0.9	21	1	US-10-262-318-14	Sequence 14, Appl
C 143	16.2	0.9	21	1	US-10-184-085A-272	Sequence 272, App	C 216	15.2	0.9	21	1	US-10-140-013-9	Sequence 9, Appl
C 144	16.2	0.9	21	1	US-10-181-846-35	Sequence 35, Appl	C 217	15.2	0.9	21	1	US-10-352-586-18	Sequence 18, Appl
C 145	16.2	0.9	20	1	US-10-066-965A-31	Sequence 31, Appl	C 218	15.2	0.9	21	1	US-10-318-628-3	Sequence 3, Appl
C 146	15.8	0.9	20	1	US-10-211-859-35	Sequence 35, Appl	C 219	15.2	0.9	21	1	US-10-318-628-12	Sequence 12, Appl
C 147	15.8	0.9	20	1	US-10-212-993-17	Sequence 17, Appl	C 220	15.2	0.9	21	1	US-10-318-628-26	Sequence 26, Appl
C 148	15.8	0.9	20	1	US-10-418-182-98	Sequence 98, Appl	C 221	15.2	0.9	21	1	US-10-318-628-34	Sequence 34, Appl
C 149	15.8	0.9	21	1	US-09-864-636A-1777	Sequence 1777, Ap	C 222	15.2	0.9	21	1	US-10-418-182-41	Sequence 41, Appl
C 150	15.8	0.9	21	1	US-09-864-426A-1777	Sequence 1777, Ap	C 223	15.2	0.9	21	1	US-10-444-445-3	Sequence 3, Appl
C 151	15.8	0.9	21	1	US-10-007-574-5	Sequence 5, Appl	C 224	15.2	0.9	21	1	US-09-755-665-68	Sequence 68, Appl
C 152	15.8	0.9	24	1	US-09-940-185-3122	Sequence 3122, Ap	C 225	15.2	0.9	22	1	US-10-267-502-436	Sequence 436, App
C 153	15.8	0.9	24	1	US-10-092-947A-20	Sequence 20, Appl	C 226	15.2	0.9	22	1	US-10-271-638-9	Sequence 9, Appl
C 154	15.4	0.9	17	1	US-09-827-998-544	Sequence 544, App	C 227	15.2	0.9	22	1	US-10-263-929-210	Sequence 210, App
C 155	15.4	0.9	17	1	US-10-675-685-544	Sequence 544, App	C 228	15.2	0.9	22	1	US-10-080-979-19	Sequence 19, App
C 156	15.4	0.9	17	1	US-09-927-046-1499	Sequence 1499, Ap	C 229	15.2	0.9	22	1	US-10-093-463-313	Sequence 313, App
C 157	15.4	0.9	20	1	US-10-163-272-20	Sequence 20, Appl	C 230	15.2	0.9	23	1	US-10-291-230-3	Sequence 3, Appl
C 158	15.4	0.9	20	1	US-10-428-275-418	Sequence 418, App	C 231	15.2	0.9	23	1	US-10-361-848-3	Sequence 3, Appl
C 159	15.4	0.9	20	1	US-10-189-940-59	Sequence 59, Appl	C 232	15.2	0.9	23	1	US-10-017-621-4	Sequence 4, Appl
C 160	15.4	0.9	20	1	US-10-024-369-64	Sequence 64, Appl	C 233	15.2	0.9	23	1	US-09-848-754A-1374	Sequence 1374, Ap
C 161	15.4	0.9	20	1	US-10-109-349A-229	Sequence 229, App	C 234	15.2	0.9	23	1	US-09-906-158-45	Sequence 45, Appl
C 162	15.4	0.9	20	1	US-10-174-313-20	Sequence 20, Appl	C 235	15.2	0.9	23	1	US-10-388-263-493	Sequence 493, App
C 163	15.4	0.9	20	1	US-10-174-313-90	Sequence 90, Appl	C 236	15.2	0.9	23	1	US-10-388-263-494	Sequence 494, App
C 164	15.4	0.9	20	1	US-10-177-554-23	Sequence 23, Appl	C 237	15.2	0.9	23	1	US-09-761-962-43	Sequence 43, Appl
C 165	15.4	0.9	20	1	US-10-177-554-165	Sequence 165, App	C 238	15.2	0.9	23	1	US-10-095-248A-21	Sequence 21, Appl
C 166	15.4	0.9	20	1	US-10-210-589-27	Sequence 27, Appl	C 239	15.2	0.9	23	1	US-10-283-300-43	Sequence 43, Appl
C 167	15.4	0.9	21	1	US-09-065-040-6	Sequence 6, Appl	C 240	15.2	0.9	23	1	US-10-337-169-17	Sequence 17, Appl
C 168	15.4	0.9	21	1	US-10-002-309B-13	Sequence 13, Appl	C 241	15.2	0.9	23	1	US-10-059-579-134	Sequence 134, App
C 169	15.4	0.9	20	1	US-09-791-406-54	Sequence 54, Appl	C 242	15.2	0.9	23	1	US-10-026-952-3	Sequence 3, Appl
C 170	15.4	0.9	20	1	US-09-945-952A-9	Sequence 9, Appl	C 243	15.2	0.9	23	1	US-10-384-893-21	Sequence 21, Appl
C 171	15.4	0.9	20	1	US-09-961-077-1259	Sequence 40, Appl	C 244	15.2	0.9	23	1	US-10-396-964-39	Sequence 39, Appl
C 172	15.4	0.9	20	1	US-09-760-285-40	Sequence 1259, Ap	C 245	15.2	0.9	23	1	US-10-463-190-21	Sequence 21, Appl
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C 176	15.2	0.9	20	1			C 249	15.2	0.9	23	1		
C 177	15.2	0.9	20	1			C 250	15.2	0.9	23	1		
C 178	15.2	0.9	20	1			C 251	15.2	0.9	23	1		
C 179	15.2	0.9	20	1			C 252	15.2	0.9	23	1		

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C 254	14.8	0.8	18	1	US-10-349-143-11527	Sequence 11527, A	C 327	14.4	0.8	17	1	US-10-163-552-249	Sequence 249, Appl
C 255	14.8	0.8	18	1	US-10-206-618-15	Sequence 15, Appl	C 328	14.4	0.8	17	1	US-10-156-306-5004	Sequence 5004, Ap
C 256	14.8	0.8	20	1	US-09-758-881-27	Sequence 27, Appl	C 329	14.4	0.8	17	1	US-10-238-700-301	Sequence 301, App
C 257	14.8	0.8	20	1	US-09-865-993-23	Sequence 23, Appl	C 330	14.4	0.8	17	1	US-10-260-638-183	Sequence 183, App
C 258	14.8	0.8	20	1	US-09-898-556A-22	Sequence 22, Appl	C 331	14.4	0.8	17	1	US-10-260-638-183	Sequence 184, App
C 259	14.8	0.8	20	1	US-09-978-244A-85	Sequence 85, Appl	C 332	14.4	0.8	17	1	US-10-209-787-2930	Sequence 2930, Ap
C 260	14.8	0.8	20	1	US-10-380-020-13	Sequence 13, Appl	C 333	14.4	0.8	17	1	US-10-261-185-2931	Sequence 2931, Ap
C 261	14.8	0.8	20	1	US-09-754-106-72	Sequence 72, Appl	C 334	14.4	0.8	17	1	US-10-261-185-2931	Sequence 2930, Ap
C 262	14.8	0.8	20	1	US-10-160-787-37	Sequence 37, Appl	C 335	14.4	0.8	17	1	US-10-261-185-2931	Sequence 2931, Ap
C 263	14.8	0.8	20	1	US-10-160-787-106	Sequence 106, Appl	C 336	14.4	0.8	18	1	US-09-263-959-921	Sequence 921, App
C 264	14.8	0.8	20	1	US-10-287-971-301	Sequence 301, Appl	C 337	14.4	0.8	18	1	US-10-197-290-921	Sequence 19, Appl
C 265	14.8	0.8	20	1	US-10-006-366-80	Sequence 80, Appl	C 338	14.4	0.8	18	1	US-10-317-449-67	Sequence 67, Appl
C 266	14.8	0.8	20	1	US-10-002-623-861	Sequence 861, Appl	C 339	14.4	0.8	18	1	US-10-388-263-172	Sequence 172, Appl
C 267	14.8	0.8	20	1	US-10-174-014-30	Sequence 30, Appl	C 340	14.4	0.8	18	1	US-10-349-143-5066	Sequence 5066, Ap
C 268	14.8	0.8	20	1	US-10-174-014-61	Sequence 61, Appl	C 341	14.4	0.8	19	1	US-10-318-628-9	Sequence 9, Appl
C 269	14.8	0.8	20	1	US-10-188-779A-47	Sequence 47, Appl	C 342	14.4	0.8	20	1	US-10-418-251-8	Sequence 8, Appl
C 270	14.8	0.8	21	1	US-10-028-056-9	Sequence 9, Appl	C 343	14.4	0.8	20	1	US-10-215-821-54	Sequence 54, Appl
C 271	14.8	0.8	21	1	US-10-205-713A-8	Sequence 8, Appl	C 344	14.4	0.8	20	1	US-09-888-361-105	Sequence 105, App
C 272	14.8	0.8	21	1	US-10-325-881-35	Sequence 35, Appl	C 345	14.4	0.8	20	1	US-10-032-585-5572	Sequence 5572, Ap
C 273	14.8	0.8	21	1	US-10-321-188-11	Sequence 11, Appl	C 346	14.4	0.8	20	1	US-10-361-725A-24	Sequence 24, Appl
C 274	14.8	0.8	22	1	US-10-418-251-6	Sequence 6, Appl	C 347	14.4	0.8	20	1	US-10-436-715-90	Sequence 90, Appl
C 275	14.8	0.8	22	1	US-10-114-270-272	Sequence 272, Appl	C 348	14.4	0.8	21	1	US-09-765-081-326	Sequence 326, App
C 276	14.8	0.8	22	1	US-10-427-224-19	Sequence 19, Appl	C 349	14.4	0.8	21	1	US-09-881-012-24	Sequence 24, Appl
C 277	14.8	0.8	22	1	US-10-231-913-246	Sequence 246, App	C 350	14.4	0.8	21	1	US-10-184-085A-1062	Sequence 1062, Ap
C 278	14.8	0.8	22	1	US-10-085-198-315	Sequence 315, Appl	C 351	14.4	0.8	21	1	US-10-184-085A-1065	Sequence 1065, Ap
C 279	14.6	0.8	20	1	US-09-964-261-30	Sequence 30, Appl	C 352	14.4	0.8	21	1	US-10-184-085A-1099	Sequence 1099, Ap
C 280	14.6	0.8	21	1	US-08-983-605-282	Sequence 282, App	C 353	14.4	0.8	21	1	US-10-184-085A-1100	Sequence 1100, Ap
C 281	14.6	0.8	21	1	US-09-964-261-31	Sequence 31, Appl	C 354	14.4	0.8	21	1	US-10-184-085A-1102	Sequence 1102, Ap
C 282	14.6	0.8	21	1	US-09-932-300-37	Sequence 37, Appl	C 355	14.4	0.8	21	1	US-10-184-085A-1103	Sequence 1103, Ap
C 283	14.6	0.8	21	1	US-10-050-888A-13	Sequence 13, Appl	C 356	14.2	0.8	19	1	US-09-844-653-113	Sequence 113, App
C 284	14.6	0.8	21	1	US-10-006-611-7	Sequence 7, Appl	C 357	14.2	0.8	19	1	US-09-912-680-1	Sequence 1, Appl
C 285	14.6	0.8	21	1	US-10-243-035-6	Sequence 6, Appl	C 358	14.2	0.8	19	1	US-10-313-211-12	Sequence 12, Appl
C 286	14.6	0.8	21	1	US-10-243-035-9	Sequence 9, Appl	C 359	14.2	0.8	19	1	US-10-046-671B-11	Sequence 11, Appl
C 287	14.6	0.8	21	1	US-10-184-085A-164	Sequence 164, App	C 360	14.2	0.8	19	1	US-10-109-799-1	Sequence 1, Appl
C 288	14.6	0.8	21	1	US-10-184-085A-200	Sequence 200, App	C 361	14.2	0.8	19	1	US-10-188-779A-13	Sequence 13, Appl
C 289	14.6	0.8	21	1	US-10-184-085A-236	Sequence 236, App	C 362	14.2	0.8	20	1	US-09-733-244A-89	Sequence 89, Appl
C 290	14.6	0.8	21	1	US-10-184-085A-864	Sequence 864, App	C 363	14.2	0.8	20	1	US-09-961-663-2	Sequence 2, Appl
C 291	14.6	0.8	21	1	US-10-388-281-35	Sequence 35, Appl	C 364	14.2	0.8	20	1	US-09-961-663-2	Sequence 3, Appl
C 292	14.6	0.8	21	1	US-10-349-143-7806	Sequence 7806, Ap	C 365	14.2	0.8	20	1	US-09-791-406-66	Sequence 66, Appl
C 293	14.6	0.8	21	1	US-10-085-198-461	Sequence 10336, A	C 366	14.2	0.8	20	1	US-09-833-555-7	Sequence 7, Appl
C 294	14.6	0.8	21	1	US-09-964-261-32	Sequence 461, App	C 367	14.2	0.8	20	1	US-09-766-173C-6	Sequence 6, Appl
C 295	14.6	0.8	22	1	US-09-964-261-32	Sequence 32, Appl	C 368	14.2	0.8	20	1	US-09-774-809-121	Sequence 121, App
C 296	14.6	0.8	22	1	US-09-964-261-32	Sequence 32, Appl	C 369	14.2	0.8	20	1	US-09-935-316-3	Sequence 3, Appl
C 297	14.6	0.8	22	1	US-09-964-261-32	Sequence 14, Appl	C 370	14.2	0.8	20	1	US-09-919-197-73	Sequence 73, Appl
C 298	14.6	0.8	22	1	US-09-964-261-32	Sequence 18, Appl	C 371	14.2	0.8	20	1	US-09-953-047-90	Sequence 10, Appl
C 299	14.6	0.8	22	1	US-09-964-261-32	Sequence 33, Appl	C 372	14.2	0.8	20	1	US-09-944-493-3	Sequence 3, Appl
C 300	14.6	0.8	22	1	US-09-964-261-32	Sequence 39, Appl	C 373	14.2	0.8	20	1	US-09-843-377-49	Sequence 2, Appl
C 301	14.6	0.8	22	1	US-09-964-261-32	Sequence 51, Appl	C 374	14.2	0.8	20	1	US-10-009-980B-2	Sequence 2, Appl
C 302	14.6	0.8	22	1	US-09-964-261-32	Sequence 2106, Ap	C 375	14.2	0.8	20	1	US-10-345-444B-121	Sequence 4, Appl
C 303	14.6	0.8	22	1	US-09-964-261-32	Sequence 1278, Ap	C 376	14.2	0.8	20	1	US-10-380-125-50	Sequence 50, Appl
C 304	14.6	0.8	22	1	US-10-114-270-237	Sequence 4011, Ap	C 377	14.2	0.8	20	1	US-10-610-561-7	Sequence 7, Appl
C 305	14.6	0.8	22	1	US-10-005-956-1278	Sequence 2106, Ap	C 378	14.2	0.8	20	1	US-10-630-401-90	Sequence 90, Appl
C 306	14.6	0.8	22	1	US-10-032-585-4011	Sequence 143, Appl	C 379	14.2	0.8	20	1	US-09-523-517-99	Sequence 99, Appl
C 307	14.6	0.8	22	1	US-10-084-839-2106	Sequence 35, Appl	C 380	14.2	0.8	20	1	US-10-655-847-124	Sequence 124, App
C 308	14.6	0.8	22	1	US-10-035-568-14	Sequence 97, Appl	C 381	14.2	0.8	20	1	US-10-160-787-60	Sequence 60, Appl
C 309	14.6	0.8	22	1	US-10-115-482-143	Sequence 543, App	C 382	14.2	0.8	20	1	US-10-160-787-65	Sequence 65, Appl
C 310	14.6	0.8	22	1	US-10-444-575-35	Sequence 543, App	C 383	14.2	0.8	20	1		
C 311	14.6	0.8	22	1	US-10-161-927-97	Sequence 545, App	C 384	14.2	0.8	20	1		
C 312	14.4	0.8	17	1	US-09-827-998-543	Sequence 504, App	C 385	14.2	0.8	20	1		
C 313	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 386	14.2	0.8	20	1		
C 314	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 387	14.2	0.8	20	1		
C 315	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 388	14.2	0.8	20	1		
C 316	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 389	14.2	0.8	20	1		
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C 318	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 391	14.2	0.8	20	1		
C 319	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 392	14.2	0.8	20	1		
C 320	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 393	14.2	0.8	20	1		
C 321	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 394	14.2	0.8	20	1		
C 322	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 395	14.2	0.8	20	1		
C 323	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 396	14.2	0.8	20	1		
C 324	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 397	14.2	0.8	20	1		
C 325	14.4	0.8	17	1	US-09-827-998-545	Sequence 504, App	C 398	14.2	0.8	20	1		

C 399	14.2	0.8	20	1	US-10-160-787-68	Sequence 68, Appl	472	14	17	1	US-09-780-533A-1785	Sequence 1785, Ap
C 400	14.2	0.8	20	1	US-10-160-787-122	Sequence 122, Appl	473	14	17	1	US-09-780-533A-2332	Sequence 2332, Ap
C 401	14.2	0.8	20	1	US-10-160-787-126	Sequence 126, Appl	C 474	14	17	1	US-09-848-754A-277	Sequence 277, App
C 402	14.2	0.8	20	1	US-10-160-787-128	Sequence 128, Appl	C 475	14	17	1	US-09-848-754A-278	Sequence 278, App
C 403	14.2	0.8	20	1	US-10-160-807-124	Sequence 124, Appl	C 476	14	17	1	US-09-792-818-73	Sequence 73, Appl
C 404	14.2	0.8	20	1	US-10-160-807-262	Sequence 262, Appl	C 477	14	17	1	US-09-792-818-74	Sequence 74, Appl
C 405	14.2	0.8	20	1	US-10-141-029-12	Sequence 12, Appl	C 478	14	17	1	US-09-792-818-75	Sequence 75, Appl
C 406	14.2	0.8	20	1	US-10-139-559-3	Sequence 3, Appl	C 479	14	17	1	US-10-675-685-541	Sequence 541, App
C 407	14.2	0.8	20	1	US-10-139-559-12	Sequence 12, Appl	C 480	14	17	1	US-10-675-685-542	Sequence 542, App
C 408	14.2	0.8	20	1	US-10-105-211B-1	Sequence 1, Appl	C 481	14	17	1	US-10-238-700-3612	Sequence 3612, Ap
C 409	14.2	0.8	20	1	US-10-203-860-18	Sequence 18, Appl	C 482	14	17	1	US-10-229-370-9	Sequence 9, Appl
C 410	14.2	0.8	20	1	US-10-006-430-32	Sequence 32, Appl	C 483	14	18	1	US-10-388-263-206	Sequence 206, App
C 411	14.2	0.8	20	1	US-10-024-369-86	Sequence 86, Appl	C 484	14	18	1	US-09-899-440-3	Sequence 3, Appl
C 412	14.2	0.8	20	1	US-10-021-707-24	Sequence 24, Appl	C 485	14	20	1	US-09-953-318-143	Sequence 143, App
C 413	14.2	0.8	20	1	US-10-131-544-30	Sequence 30, Appl	C 486	14	20	1	US-10-446-373-143	Sequence 143, App
C 414	14.2	0.8	20	1	US-10-114-683A-30	Sequence 30, Appl	C 487	14	20	1	US-10-001-073-22	Sequence 22, Appl
C 415	14.2	0.8	20	1	US-10-430-196-99	Sequence 99, Appl	C 488	14	20	1	US-09-776-874A-17	Sequence 17, Appl
C 416	14.2	0.8	20	1	US-10-141-060-12	Sequence 12, Appl	C 489	14	21	1	US-09-988-113-17	Sequence 17, Appl
C 417	14.2	0.8	20	1	US-10-141-062-12	Sequence 12, Appl	C 490	14	21	1	US-10-184-085A-1096	Sequence 1096, Ap
C 418	14.2	0.8	20	1	US-10-141-092-12	Sequence 12, Appl	C 491	14	21	1	US-10-341-582-17	Sequence 17, Appl
C 419	14.2	0.8	20	1	US-10-141-093-12	Sequence 12, Appl	C 492	14	21	1	US-10-340-097-24	Sequence 24, Appl
C 420	14.2	0.8	20	1	US-10-141-094-12	Sequence 12, Appl	C 493	14	21	1	US-10-336-215-24	Sequence 24, Appl
C 421	14.2	0.8	20	1	US-10-141-095-12	Sequence 12, Appl	C 494	14	21	1	US-10-336-219-24	Sequence 24, Appl
C 422	14.2	0.8	20	1	US-10-141-102-12	Sequence 12, Appl	C 495	14	21	1	US-10-384-451-17	Sequence 17, Appl
C 423	14.2	0.8	20	1	US-10-141-103-12	Sequence 12, Appl	C 496	14	21	1	US-10-384-450-17	Sequence 17, Appl
C 424	14.2	0.8	20	1	US-10-146-860-46	Sequence 46, Appl	C 497	14	21	1	US-10-456-573-17	Sequence 17, Appl
C 425	14.2	0.8	20	1	US-10-159-856-24	Sequence 24, Appl	C 498	14	21	1	US-09-866-108-1536	Sequence 1536, Ap
C 426	14.2	0.8	20	1	US-10-167-034-61	Sequence 61, Appl	C 499	14	21	1	US-09-866-108-6795	Sequence 6795, Ap
C 427	14.2	0.8	20	1	US-10-167-034-61	Sequence 61, Appl	C 500	14	21	1	US-09-866-108-6796	Sequence 6796, Ap
C 428	14.2	0.8	20	1	US-10-173-240-32	Sequence 32, Appl	C 501	13.8	17	1	US-09-866-108-10010	Sequence 10010, A
C 429	14.2	0.8	20	1	US-10-173-240-32	Sequence 32, Appl	C 502	13.8	17	1	US-09-827-998-575	Sequence 575, App
C 430	14.2	0.8	20	1	US-10-173-240-39	Sequence 39, Appl	C 503	13.8	17	1	US-09-827-998-576	Sequence 576, App
C 431	14.2	0.8	20	1	US-10-173-240-66	Sequence 66, Appl	C 504	13.8	17	1	US-09-785-548-8	Sequence 8, Appl
C 432	14.2	0.8	20	1	US-10-173-240-72	Sequence 72, Appl	C 505	13.8	17	1	US-09-730-289B-526	Sequence 526, App
C 433	14.2	0.8	20	1	US-10-173-240-72	Sequence 72, Appl	C 506	13.8	17	1	US-09-848-754A-1433	Sequence 1433, Ap
C 434	14.2	0.8	20	1	US-10-186-157-11	Sequence 11, Appl	C 507	13.8	17	1	US-09-848-754A-2295	Sequence 2295, Ap
C 435	14.2	0.8	20	1	US-10-188-779A-106	Sequence 106, Appl	C 508	13.8	17	1	US-09-848-754A-2620	Sequence 2620, Ap
C 436	14.2	0.8	20	1	US-10-349-143-6583	Sequence 6583, Ap	C 509	13.8	17	1	US-09-930-423-185	Sequence 185, App
C 437	14.2	0.8	20	1	US-10-289-762-5779	Sequence 5779, Ap	C 510	13.8	17	1	US-09-927-395A-632	Sequence 632, App
C 438	14.2	0.8	20	1	US-10-210-838-54	Sequence 54, Appl	C 511	13.8	17	1	US-09-740-332-652	Sequence 652, App
C 439	14.2	0.8	20	1	US-10-210-838-158	Sequence 158, Appl	C 512	13.8	17	1	US-09-745-237A-185	Sequence 185, App
C 440	14.2	0.8	20	1	US-10-211-908-39	Sequence 39, Appl	C 513	13.8	17	1	US-09-817-879-652	Sequence 652, App
C 441	14.2	0.8	20	1	US-10-628-841-86	Sequence 86, Appl	C 514	13.8	17	1	US-09-817-879-1574	Sequence 1574, Ap
C 442	14.2	0.8	21	1	US-09-765-081-398	Sequence 398, Appl	C 515	13.8	17	1	US-10-675-685-575	Sequence 575, App
C 443	14.2	0.8	21	1	US-09-765-081-443	Sequence 443, Appl	C 516	13.8	17	1	US-09-927-046-808	Sequence 808, App
C 444	14.2	0.8	21	1	US-09-911-176B-41	Sequence 41, Appl	C 517	13.8	17	1	US-09-927-046-809	Sequence 809, App
C 445	14.2	0.8	21	1	US-10-187-975-221	Sequence 221, Appl	C 518	13.8	17	1	US-10-430-882-632	Sequence 1498, Ap
C 446	14.2	0.8	21	1	US-10-211-858-127	Sequence 127, Appl	C 519	13.8	17	1	US-10-060-988-61	Sequence 61, Appl
C 447	14.2	0.8	21	1	US-10-180-762-41	Sequence 41, Appl	C 520	13.8	17	1	US-10-163-552-557	Sequence 557, App
C 448	14.2	0.8	21	1	US-10-241-258-41	Sequence 41, Appl	C 521	13.8	17	1	US-10-156-306-5038	Sequence 5038, Ap
C 449	14.2	0.8	21	1	US-10-194-370-56	Sequence 56, Appl	C 522	13.8	17	1	US-10-238-700-17	Sequence 17, Appl
C 450	14.2	0.8	21	1	US-10-206-839-108	Sequence 108, Appl	C 523	13.8	17	1	US-10-238-700-3492	Sequence 3492, Ap
C 451	14.2	0.8	21	1	US-10-033-024A-47	Sequence 47, Appl	C 524	13.8	17	1	US-10-061-201-108	Sequence 108, App
C 452	14.2	0.8	21	1	US-10-005-956-343	Sequence 343, Appl	C 525	13.8	17	1	US-10-061-201-280	Sequence 280, App
C 453	14.2	0.8	21	1	US-10-005-956-439	Sequence 439, Appl	C 526	13.8	17	1	US-10-061-201-1983	Sequence 1983, Ap
C 454	14.2	0.8	21	1	US-10-005-956-440	Sequence 440, Appl	C 527	13.8	17	1	US-10-230-006-2190	Sequence 2190, Ap
C 455	14.2	0.8	21	1	US-10-005-956-440	Sequence 440, Appl	C 528	13.8	17	1	US-10-230-006-2191	Sequence 2191, Ap
C 456	14.2	0.8	21	1	US-10-261-845-5	Sequence 5, Appl	C 529	13.8	17	1	US-09-911-860A-3	Sequence 3, Appl
C 457	14.2	0.8	21	1	US-10-360-186-41	Sequence 41, Appl	C 530	13.8	17	1	US-09-823-895-3	Sequence 3, Appl
C 458	14.2	0.8	21	1	US-10-340-097-72	Sequence 72, Appl	C 531	13.8	17	1	US-10-016-248-68	Sequence 68, Appl
C 459	14.2	0.8	21	1	US-10-210-951-127	Sequence 127, Appl	C 532	13.8	17	1	US-10-156-610-19	Sequence 19, Appl
C 460	14.2	0.8	21	1	US-10-336-215-72	Sequence 72, Appl	C 533	13.8	17	1	US-10-133-779-127	Sequence 127, App
C 461	14.2	0.8	21	1	US-10-211-884-127	Sequence 127, Appl	C 534	13.8	17	1	US-10-168-445-2	Sequence 2, Appl
C 462	14.2	0.8	21	1	US-10-392-531-41	Sequence 41, Appl	C 535	13.8	17	1	US-10-428-868-22	Sequence 22, Appl
C 463	14.2	0.8	21	1	US-10-392-531-41	Sequence 41, Appl	C 536	13.8	17	1		
C 464	14.2	0.8	21	1	US-10-392-706-41	Sequence 41, Appl	C 537	13.8	18	1		
C 465	14.2	0.8	21	1	US-10-349-143-8100	Sequence 8100, Ap	C 538	13.8	18	1		
C 466	14.2	0.8	21	1	US-10-198-695-41	Sequence 41, Appl	C 539	13.8	18	1		
C 467	14	0.8	15	1	US-10-056-414-319	Sequence 319, Appl	C 540	13.8	18	1		
C 468	14	0.8	17	1	US-09-827-998-541	Sequence 541, App	C 541	13.8	18	1		
C 469	14	0.8	17	1	US-09-827-998-542	Sequence 542, App	C 542	13.8	18	1		
C 470	14	0.8	17	1	US-09-864-785-157	Sequence 157, App	C 543	13.8	18	1		
C 471	14	0.8	17	1	US-09-780-533A-760	Sequence 760, Appl	C 544	13.8	18	1		

C 545	13.8	0.8	19	1	US-09-891-517-90	Sequence 90, Appl	C 618	13.8	0.8	20	1	US-10-188-646-116	Sequence 116, Appl
546	13.8	0.8	19	1	US-09-891-517-97	Sequence 97, Appl	C 619	13.8	0.8	20	1	US-10-188-779A-69	Sequence 69, Appl
547	13.8	0.8	19	1	US-09-891-517-105	Sequence 105, Appl	C 620	13.8	0.8	20	1	US-10-349-143-4109	Sequence 4109, Appl
548	13.8	0.8	19	1	US-09-891-517-107	Sequence 107, Appl	C 621	13.8	0.8	20	1	US-10-177-896-16	Sequence 15, Appl
549	13.8	0.8	19	1	US-10-373-718-6	Sequence 6, Appl	C 622	13.8	0.8	20	1	US-10-177-896-51	Sequence 51, Appl
550	13.8	0.8	19	1	US-10-206-618-41	Sequence 41, Appl	C 623	13.8	0.8	20	1	US-10-190-366-100	Sequence 100, Appl
551	13.8	0.8	20	1	US-09-782-516-1	Sequence 1, Appl	C 624	13.8	0.8	20	1	US-10-190-366-297	Sequence 297, Appl
552	13.8	0.8	20	1	US-09-782-516-3	Sequence 3, Appl	C 625	13.8	0.8	20	1	US-10-289-762-1337	Sequence 1337, Appl
553	13.8	0.8	20	1	US-09-791-243-66	Sequence 12, Appl	C 626	13.8	0.8	20	1	US-10-199-199-48	Sequence 48, Appl
554	13.8	0.8	20	1	US-09-791-243-77	Sequence 66, Appl	C 627	13.8	0.8	20	1	US-10-199-199-119	Sequence 119, Appl
555	13.8	0.8	20	1	US-09-791-243-77	Sequence 77, Appl	C 628	13.8	0.8	20	1	US-10-199-221-29	Sequence 29, Appl
556	13.8	0.8	20	1	US-09-766-450-18	Sequence 18, Appl	C 629	13.8	0.8	20	1	US-10-458-939-23	Sequence 23, Appl
557	13.8	0.8	20	1	US-09-766-450-18	Sequence 113, Appl	C 630	13.8	0.8	20	1	US-10-126-022-94	Sequence 94, Appl
558	13.8	0.8	20	1	US-09-776-800-47	Sequence 47, Appl	C 631	13.8	0.8	20	1	US-10-126-022-154	Sequence 154, Appl
559	13.8	0.8	20	1	US-09-776-479-1019	Sequence 1019, Appl	C 632	13.8	0.8	21	1	US-09-765-081-97	Sequence 97, Appl
560	13.8	0.8	20	1	US-09-776-479-1019	Sequence 1019, Appl	C 633	13.8	0.8	21	1	US-09-859-053-9	Sequence 9, Appl
561	13.8	0.8	20	1	US-09-953-047-68	Sequence 68, Appl	C 634	13.8	0.8	21	1	US-09-995-686-1	Sequence 1, Appl
562	13.8	0.8	20	1	US-10-842-802-173	Sequence 173, Appl	C 635	13.8	0.8	21	1	US-09-823-634A-1	Sequence 1, Appl
563	13.8	0.8	20	1	US-10-333-429-555	Sequence 555, Appl	C 636	13.8	0.8	21	1	US-09-823-647B-1	Sequence 1, Appl
564	13.8	0.8	20	1	US-10-467-019-35	Sequence 35, Appl	C 637	13.8	0.8	21	1	US-09-961-848-3	Sequence 3, Appl
565	13.8	0.8	20	1	US-10-630-401-68	Sequence 68, Appl	C 638	13.8	0.8	21	1	US-09-764-413-10	Sequence 10, Appl
566	13.8	0.8	20	1	US-10-168-273B-11	Sequence 11, Appl	C 639	13.8	0.8	21	1	US-10-617-334-171	Sequence 171, Appl
567	13.8	0.8	20	1	US-09-923-517-9	Sequence 9, Appl	C 640	13.8	0.8	21	1	US-09-771-357-31	Sequence 31, Appl
568	13.8	0.8	20	1	US-09-771-357-42	Sequence 42, Appl	C 641	13.8	0.8	21	1	US-10-120-394-10	Sequence 10, Appl
569	13.8	0.8	20	1	US-09-888-361-71	Sequence 71, Appl	C 642	13.8	0.8	21	1	US-10-079-136-15	Sequence 15, Appl
570	13.8	0.8	20	1	US-10-159-942-66	Sequence 66, Appl	C 643	13.8	0.8	21	1	US-10-238-244-1	Sequence 1, Appl
571	13.8	0.8	20	1	US-10-159-942-66	Sequence 122, Appl	C 644	13.8	0.8	21	1	US-10-005-956-785	Sequence 785, Appl
572	13.8	0.8	20	1	US-10-160-787-74	Sequence 74, Appl	C 645	13.8	0.8	21	1	US-10-005-956-786	Sequence 786, Appl
573	13.8	0.8	20	1	US-10-160-787-80	Sequence 80, Appl	C 646	13.8	0.8	21	1	US-10-005-956-1026	Sequence 1026, Appl
574	13.8	0.8	20	1	US-10-160-787-80	Sequence 136, Appl	C 647	13.8	0.8	21	1	US-10-059-579-31	Sequence 31, Appl
575	13.8	0.8	20	1	US-10-161-996-44	Sequence 44, Appl	C 648	13.8	0.8	21	1	US-10-184-085A-225	Sequence 225, Appl
576	13.8	0.8	20	1	US-10-161-996-1105	Sequence 105, Appl	C 649	13.8	0.8	21	1	US-10-189-956-18	Sequence 18, Appl
577	13.8	0.8	20	1	US-10-161-996-112	Sequence 112, Appl	C 650	13.8	0.8	21	1	US-10-189-956-45	Sequence 45, Appl
578	13.8	0.8	20	1	US-10-161-996-112	Sequence 181, Appl	C 651	13.8	0.8	21	1	US-10-367-470-1	Sequence 1, Appl
579	13.8	0.8	20	1	US-10-161-996-229	Sequence 229, Appl	C 652	13.8	0.8	21	1	US-10-059-273-22	Sequence 22, Appl
580	13.8	0.8	20	1	US-10-161-996-229	Sequence 236, Appl	C 653	13.8	0.8	21	1	US-10-377-133-30	Sequence 30, Appl
581	13.8	0.8	20	1	US-10-181-874-21	Sequence 21, Appl	C 654	13.8	0.8	21	1	US-10-349-143-10380	Sequence 10380, A
582	13.8	0.8	20	1	US-10-314-578-1019	Sequence 1019, Appl	C 655	13.8	0.8	21	1	US-10-452-510-171	Sequence 171, Appl
583	13.8	0.8	20	1	US-10-287-971-318	Sequence 318, Appl	C 656	13.8	0.8	21	1	US-09-802-669-39	Sequence 39, Appl
584	13.8	0.8	20	1	US-10-057-550-83	Sequence 83, Appl	C 657	13.6	0.8	20	1	US-09-854-883-275	Sequence 275, Appl
585	13.8	0.8	20	1	US-10-138-838-47	Sequence 47, Appl	C 658	13.6	0.8	20	1	US-09-870-956-33	Sequence 33, Appl
586	13.8	0.8	20	1	US-10-138-838-47	Sequence 972, Appl	C 659	13.6	0.8	20	1	US-09-949-093-3	Sequence 3, Appl
587	13.8	0.8	20	1	US-10-139-031-47	Sequence 47, Appl	C 660	13.6	0.8	20	1	US-09-860-784-21	Sequence 21, Appl
588	13.8	0.8	20	1	US-10-112-653-972	Sequence 972, Appl	C 661	13.6	0.8	20	1	US-09-747-772-4	Sequence 4, Appl
589	13.8	0.8	20	1	US-10-017-995-1019	Sequence 1019, Appl	C 662	13.6	0.8	20	1	US-09-779-050A-33	Sequence 33, Appl
590	13.8	0.8	20	1	US-10-138-905-47	Sequence 47, Appl	C 663	13.6	0.8	20	1	US-09-976-736-22	Sequence 22, Appl
591	13.8	0.8	20	1	US-10-138-916-47	Sequence 47, Appl	C 664	13.6	0.8	20	1	US-09-872-462-470	Sequence 470, Appl
592	13.8	0.8	20	1	US-10-244-401A-1	Sequence 1, Appl	C 665	13.6	0.8	20	1	US-09-835-371-42	Sequence 42, Appl
593	13.8	0.8	20	1	US-10-244-401A-3	Sequence 3, Appl	C 666	13.6	0.8	20	1	US-09-835-370-42	Sequence 5, Appl
594	13.8	0.8	20	1	US-10-010-808-355	Sequence 355, Appl	C 667	13.6	0.8	20	1	US-09-969-037-5	Sequence 36, Appl
595	13.8	0.8	20	1	US-10-216-373-9	Sequence 9, Appl	C 668	13.6	0.8	20	1	US-09-932-300-36	Sequence 36, Appl
596	13.8	0.8	20	1	US-10-001-076-173	Sequence 173, Appl	C 669	13.6	0.8	20	1	US-09-945-427-330	Sequence 330, Appl
597	13.8	0.8	20	1	US-10-007-078-29	Sequence 29, Appl	C 670	13.6	0.8	20	1	US-09-982-262B-15	Sequence 15, Appl
598	13.8	0.8	20	1	US-10-006-430-72	Sequence 72, Appl	C 671	13.6	0.8	20	1	US-09-920-677-21	Sequence 21, Appl
599	13.8	0.8	20	1	US-10-328-881-21	Sequence 21, Appl	C 672	13.6	0.8	20	1	US-09-935-316-2	Sequence 243, Appl
600	13.8	0.8	20	1	US-10-059-579-42	Sequence 42, Appl	C 673	13.6	0.8	20	1	US-09-776-479-243	Sequence 243, Appl
601	13.8	0.8	20	1	US-10-299-886-12	Sequence 12, Appl	C 674	13.6	0.8	20	1	US-09-920-033-52	Sequence 52, Appl
602	13.8	0.8	20	1	US-10-371-474-34	Sequence 34, Appl	C 675	13.6	0.8	20	1	US-09-915-814-106	Sequence 2, Appl
603	13.8	0.8	20	1	US-10-139-296-47	Sequence 47, Appl	C 676	13.6	0.8	20	1	US-09-972-607-63	Sequence 106, Appl
604	13.8	0.8	20	1	US-10-139-218-47	Sequence 47, Appl	C 677	13.6	0.8	20	1	US-09-973-827-29	Sequence 29, Appl
605	13.8	0.8	20	1	US-10-169-983-38	Sequence 38, Appl	C 678	13.6	0.8	20	1	US-09-944-493-2	Sequence 2, Appl
606	13.8	0.8	20	1	US-10-032-189-171	Sequence 171, Appl	C 679	13.6	0.8	20	1	US-09-882-945A-145	Sequence 145, Appl
607	13.8	0.8	20	1	US-10-289-757-217	Sequence 217, Appl	C 680	13.6	0.8	20	1	US-09-908-147-27	Sequence 27, Appl
608	13.8	0.8	20	1	US-10-032-585-5188	Sequence 5188, Appl	C 681	13.6	0.8	20	1	US-09-908-147-133	Sequence 133, Appl
609	13.8	0.8	20	1	US-10-032-585-5598	Sequence 5598, Appl	C 682	13.6	0.8	20	1	US-09-793-146-20	Sequence 20, Appl
610	13.8	0.8	20	1	US-10-331-907-357	Sequence 357, Appl	C 683	13.6	0.8	20	1	US-10-050-888A-7	Sequence 7, Appl
611	13.8	0.8	20	1	US-10-405-660-47	Sequence 47, Appl	C 684	13.6	0.8	20	1	US-10-380-533-72	Sequence 72, Appl
612	13.8	0.8	20	1	US-10-430-196-9	Sequence 9, Appl	C 685	13.6	0.8	20	1		
613	13.8	0.8	20	1	US-10-138-898-47	Sequence 47, Appl	C 686	13.6	0.8	20	1		
614	13.8	0.8	20	1	US-10-173-718-41	Sequence 41, Appl	C 687	13.6	0.8	20	1		
615	13.8	0.8	20	1	US-10-178-258-15	Sequence 15, Appl	C 688	13.6	0.8	20	1		
616	13.8	0.8	20	1	US-10-277-216-94	Sequence 94, Appl	C 689	13.6	0.8	20	1		
617	13.8	0.8	20	1	US-10-277-216-154	Sequence 154, Appl	C 690	13.6	0.8	20	1		
					Sequence 41, Appl								

691	13.6	0.8	20	1	US-10-626-772-33	Sequence 33, Appl	c 764	13.6	0.8	20	1	US-10-173-902-43	Sequence 43, Appl
692	13.6	0.8	20	1	US-10-215-448-70	Sequence 70, Appl	765	13.6	0.8	20	1	US-10-173-902-71	Sequence 71, Appl
c 693	13.6	0.8	20	1	US-10-215-448-102	Sequence 102, Appl	766	13.6	0.8	20	1	US-10-174-465-13	Sequence 13, Appl
694	13.6	0.8	20	1	US-10-380-126-12	Sequence 12, Appl	c 767	13.6	0.8	20	1	US-10-174-465-49	Sequence 49, Appl
695	13.6	0.8	20	1	US-10-462-281-50	Sequence 50, Appl	768	13.6	0.8	20	1	US-10-348-431-13	Sequence 13, Appl
c 696	13.6	0.8	20	1	US-10-454-663-15	Sequence 15, Appl	c 769	13.6	0.8	20	1	US-10-348-431-49	Sequence 49, Appl
697	13.6	0.8	20	1	US-10-619-220-39	Sequence 39, Appl	c 770	13.6	0.8	20	1	US-10-104-047-4089	Sequence 4089, Appl
698	13.6	0.8	20	1	US-10-092-900A-426	Sequence 426, Appl	c 771	13.6	0.8	20	1	US-10-349-143-11617	Sequence 11617, A
699	13.6	0.8	20	1	US-10-672-931-29	Sequence 29, Appl	c 772	13.6	0.8	20	1	US-10-289-762-2072	Sequence 2072, Ap
700	13.6	0.8	20	1	US-09-923-517-20	Sequence 20, Appl	c 773	13.6	0.8	20	1	US-10-289-762-3394	Sequence 3394, Ap
701	13.6	0.8	20	1	US-09-861-925-68	Sequence 68, Appl	c 774	13.6	0.8	20	1	US-10-289-762-3649	Sequence 3649, Ap
702	13.6	0.8	20	1	US-08-888-361-103	Sequence 103, Appl	c 775	13.6	0.8	20	1	US-10-289-762-4585	Sequence 4585, Ap
c 703	13.6	0.8	20	1	US-09-949-428-330	Sequence 330, Appl	c 776	13.6	0.8	20	1	US-10-289-762-5261	Sequence 5261, Ap
c 704	13.6	0.8	20	1	US-10-159-942-73	Sequence 73, Appl	c 777	13.6	0.8	20	1	US-10-289-762-5947	Sequence 5947, Ap
c 705	13.6	0.8	20	1	US-10-159-942-75	Sequence 75, Appl	c 778	13.6	0.8	20	1	US-10-131-827-8923	Sequence 8923, Ap
706	13.6	0.8	20	1	US-10-159-942-125	Sequence 125, Appl	c 779	13.6	0.8	20	1	US-10-210-429-63	Sequence 63, Appl
c 707	13.6	0.8	20	1	US-10-160-554-14	Sequence 14, Appl	c 780	13.6	0.8	20	1	US-10-210-429-134	Sequence 134, Appl
c 708	13.6	0.8	20	1	US-10-160-787-36	Sequence 36, Appl	c 781	13.6	0.8	20	1	US-10-210-833-100	Sequence 100, Appl
c 709	13.6	0.8	20	1	US-10-160-787-40	Sequence 40, Appl	c 782	13.6	0.8	20	1	US-10-210-833-159	Sequence 159, Appl
c 710	13.6	0.8	20	1	US-10-160-787-51	Sequence 51, Appl	c 783	13.6	0.8	20	1	US-10-628-841-63	Sequence 63, Appl
c 711	13.6	0.8	20	1	US-10-160-787-53	Sequence 53, Appl	784	13.6	0.8	20	1	US-10-056-414-320	Sequence 320, Appl
c 712	13.6	0.8	20	1	US-10-160-787-54	Sequence 54, Appl	785	13.4	0.8	15	1	US-10-043-875-413	Sequence 413, Appl
c 713	13.6	0.8	20	1	US-10-160-787-61	Sequence 61, Appl	786	13.4	0.8	15	1	US-10-418-182-194	Sequence 194, Appl
c 714	13.6	0.8	20	1	US-10-160-787-64	Sequence 64, Appl	787	13.4	0.8	15	1	US-09-866-108-66	Sequence 66, Appl
c 715	13.6	0.8	20	1	US-10-160-787-70	Sequence 70, Appl	c 788	13.4	0.8	17	1	US-09-866-108-67	Sequence 67, Appl
c 716	13.6	0.8	20	1	US-10-160-787-79	Sequence 79, Appl	c 789	13.4	0.8	17	1	US-09-866-108-68	Sequence 68, Appl
717	13.6	0.8	20	1	US-10-160-787-105	Sequence 105, Appl	c 790	13.4	0.8	17	1	US-09-866-108-8896	Sequence 8896, Ap
718	13.6	0.8	20	1	US-10-160-787-109	Sequence 109, Appl	c 791	13.4	0.8	17	1	US-09-866-108-8897	Sequence 8897, Ap
719	13.6	0.8	20	1	US-10-160-787-117	Sequence 117, Appl	c 792	13.4	0.8	17	1	US-09-866-108-8898	Sequence 8898, Ap
720	13.6	0.8	20	1	US-10-160-787-123	Sequence 123, Appl	c 793	13.4	0.8	17	1	US-09-866-108-8898	Sequence 8898, Ap
721	13.6	0.8	20	1	US-10-160-787-130	Sequence 130, Appl	794	13.4	0.8	17	1	US-09-827-998-545	Sequence 545, Appl
722	13.6	0.8	20	1	US-10-160-787-135	Sequence 135, Appl	c 795	13.4	0.8	17	1	US-09-263-959-904	Sequence 904, Appl
c 723	13.6	0.8	20	1	US-10-161-996-69	Sequence 69, Appl	c 796	13.4	0.8	17	1	US-09-864-785-408	Sequence 408, Appl
724	13.6	0.8	20	1	US-10-161-996-203	Sequence 203, Appl	c 797	13.4	0.8	17	1	US-09-864-785-2740	Sequence 2740, Ap
725	13.6	0.8	20	1	US-10-181-8733-48	Sequence 48, Appl	c 798	13.4	0.8	17	1	US-09-825-805-437	Sequence 437, Appl
c 726	13.6	0.8	20	1	US-10-246-091-26	Sequence 26, Appl	c 799	13.4	0.8	17	1	US-09-825-805-503	Sequence 503, Appl
727	13.6	0.8	20	1	US-10-314-578-243	Sequence 243, Appl	800	13.4	0.8	17	1	US-09-877-478-791	Sequence 791, Appl
728	13.6	0.8	20	1	US-10-153-273-24	Sequence 24, Appl	801	13.4	0.8	17	1	US-09-877-478-1863	Sequence 1863, Ap
729	13.6	0.8	20	1	US-10-057-550-11	Sequence 11, Appl	c 802	13.4	0.8	17	1	US-09-877-478-2272	Sequence 2272, Ap
c 730	13.6	0.8	20	1	US-10-029-598-2	Sequence 2, Appl	c 803	13.4	0.8	17	1	US-09-877-478-2273	Sequence 2273, Ap
c 731	13.6	0.8	20	1	US-10-112-653-235	Sequence 235, Appl	c 804	13.4	0.8	17	1	US-09-877-478-2274	Sequence 2274, Ap
c 732	13.6	0.8	20	1	US-10-017-995-243	Sequence 243, Appl	c 805	13.4	0.8	17	1	US-09-848-754A-301	Sequence 301, Appl
c 733	13.6	0.8	20	1	US-10-232-881-4	Sequence 4, Appl	806	13.4	0.8	17	1	US-09-848-754A-1870	Sequence 1870, Ap
c 734	13.6	0.8	20	1	US-10-094-458A-15	Sequence 15, Appl	807	13.4	0.8	17	1	US-09-930-423-747	Sequence 747, Appl
735	13.6	0.8	20	1	US-10-279-186-86	Sequence 86, Appl	c 808	13.4	0.8	17	1	US-09-930-423-799	Sequence 799, Appl
736	13.6	0.8	20	1	US-10-279-186-87	Sequence 87, Appl	c 809	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
737	13.6	0.8	20	1	US-10-173-225B-11	Sequence 11, Appl	c 810	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 738	13.6	0.8	20	1	US-10-006-366-74	Sequence 74, Appl	c 811	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 739	13.6	0.8	20	1	US-10-083-246A-26	Sequence 26, Appl	c 812	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
740	13.6	0.8	20	1	US-10-189-956-36	Sequence 36, Appl	c 813	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
741	13.6	0.8	20	1	US-10-162-497-28	Sequence 28, Appl	c 814	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
742	13.6	0.8	20	1	US-10-026-952-94	Sequence 94, Appl	c 815	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
743	13.6	0.8	20	1	US-10-026-952-103	Sequence 103, Appl	816	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
744	13.6	0.8	20	1	US-10-026-952-104	Sequence 104, Appl	817	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
745	13.6	0.8	20	1	US-10-408-969-4	Sequence 4, Appl	c 818	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 746	13.6	0.8	20	1	US-10-160-632-73	Sequence 73, Appl	c 819	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 747	13.6	0.8	20	1	US-10-238-442-75	Sequence 75, Appl	c 820	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 748	13.6	0.8	20	1	US-10-332-585-5724	Sequence 5724, Appl	c 821	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
749	13.6	0.8	20	1	US-10-220-507-14	Sequence 14, Appl	c 822	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
750	13.6	0.8	20	1	US-10-430-196-20	Sequence 20, Appl	823	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
751	13.6	0.8	20	1	US-10-296-540-82	Sequence 82, Appl	824	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
752	13.6	0.8	20	1	US-10-147-196-52	Sequence 52, Appl	825	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
753	13.6	0.8	20	1	US-10-181-875-15	Sequence 15, Appl	c 826	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 754	13.6	0.8	20	1	US-10-360-510-275	Sequence 275, Appl	c 827	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
755	13.6	0.8	20	1	US-10-449-512-1	Sequence 1, Appl	c 828	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
756	13.6	0.8	20	1	US-10-388-263-584	Sequence 2, Appl	c 829	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
757	13.6	0.8	20	1	US-10-174-460-60	Sequence 60, Appl	830	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 758	13.6	0.8	20	1	US-10-174-460-102	Sequence 102, Appl	831	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 759	13.6	0.8	20	1			832	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
760	13.6	0.8	20	1			833	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 761	13.6	0.8	20	1			834	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
c 762	13.6	0.8	20	1			835	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl
763	13.6	0.8	20	1			836	13.4	0.8	17	1	US-09-930-423-800	Sequence 800, Appl

837	13.4	0.8	17	1	US-09-927-046-1553	Sequence 1553, Ap	910	13.2	0.8	18	1	US-09-927-737-78	Sequence 78, Appl
C 838	13.4	0.8	17	1	US-09-927-046-1662	Sequence 1662, Ap	911	13.2	0.8	18	1	US-10-398-308-42	Sequence 42, Appl
C 839	13.4	0.8	17	1	US-10-020-038-6	Sequence 6, Appl	912	13.2	0.8	18	1	US-10-339-674-176	Sequence 176, App
C 840	13.4	0.8	17	1	US-10-060-756A-62	Sequence 62, Appl	913	13.2	0.8	18	1	US-10-339-674-2396	Sequence 2396, App
C 841	13.4	0.8	17	1	US-10-060-756A-65	Sequence 65, Appl	914	13.2	0.8	18	1	US-10-067-125-109	Sequence 109, Appl
C 842	13.4	0.8	17	1	US-10-163-552-248	Sequence 248, App	915	13.2	0.8	18	1	US-10-143-266-4	Sequence 4, Appl
C 843	13.4	0.8	17	1	US-10-163-552-597	Sequence 597, App	C 916	13.2	0.8	18	1	US-10-398-816-16	Sequence 16, Appl
C 844	13.4	0.8	17	1	US-10-156-306-4452	Sequence 4452, Ap	917	13.2	0.8	18	1	US-10-269-790-9	Sequence 9, Appl
C 845	13.4	0.8	17	1	US-10-156-306-5037	Sequence 5037, Ap	918	13.2	0.8	18	1	US-10-269-790-16	Sequence 16, Appl
C 846	13.4	0.8	17	1	US-10-156-306-5037	Sequence 5037, Ap	919	13.2	0.8	18	1	US-10-269-790-26	Sequence 26, Appl
C 847	13.4	0.8	17	1	US-10-156-306-5923	Sequence 5923, Ap	920	13.2	0.8	18	1	US-10-269-790-27	Sequence 27, Appl
C 848	13.4	0.8	17	1	US-10-238-700-2910	Sequence 2910, Ap	921	13.2	0.8	18	1	US-10-269-790-36	Sequence 36, Appl
C 849	13.4	0.8	17	1	US-10-238-700-3438	Sequence 3438, Ap	C 922	13.2	0.8	18	1	US-10-269-790-37	Sequence 37, Appl
C 850	13.4	0.8	17	1	US-10-238-700-3439	Sequence 3439, Ap	923	13.2	0.8	18	1	US-10-269-790-37	Sequence 37, Appl
C 851	13.4	0.8	17	1	US-10-061-201-977	Sequence 977, App	924	13.2	0.8	18	1	US-10-108-732-44	Sequence 44, Appl
C 852	13.4	0.8	17	1	US-10-061-201-978	Sequence 978, App	925	13.2	0.8	18	1	US-10-422-934-75	Sequence 75, Appl
C 853	13.4	0.8	17	1	US-10-061-201-979	Sequence 979, App	926	13.2	0.8	18	1	US-10-211-689-99	Sequence 99, Appl
C 854	13.4	0.8	17	1	US-10-061-201-1804	Sequence 1804, Ap	927	13.2	0.8	18	1	US-10-108-260A-4931	Sequence 4931, Ap
C 855	13.4	0.8	17	1	US-10-061-201-1805	Sequence 1805, Ap	928	13.2	0.8	18	1	US-10-108-260A-5416	Sequence 5416, Ap
C 856	13.4	0.8	17	1	US-10-061-201-1806	Sequence 1806, Ap	929	13.2	0.8	18	1	Sequence 7245, Ap	Sequence 7245, Ap
C 857	13.4	0.8	18	1	US-10-349-143-8777	Sequence 8777, Ap	930	13.2	0.8	19	1	Sequence 11482, A	Sequence 11482, A
C 858	13.4	0.8	19	1	US-09-969-373-1566	Sequence 1566, Ap	931	13.2	0.8	19	1	Sequence 9, Appl	Sequence 9, Appl
C 859	13.4	0.8	19	1	US-09-818-875-4375	Sequence 4375, Ap	932	13.2	0.8	19	1	Sequence 26, Appl	Sequence 26, Appl
C 860	13.4	0.8	19	1	US-10-016-248-137	Sequence 137, App	933	13.2	0.8	19	1	Sequence 38, Appl	Sequence 38, Appl
C 861	13.4	0.8	19	1	US-10-128-456-30	Sequence 30, Appl	934	13.2	0.8	19	1	Sequence 1691, Ap	Sequence 1691, Ap
C 862	13.4	0.8	19	1	US-10-166-218-4	Sequence 4, Appl	935	13.2	0.8	19	1	Sequence 3385, Ap	Sequence 3385, Ap
C 863	13.4	0.8	19	1	US-10-251-117-134	Sequence 134, App	936	13.2	0.8	19	1	Sequence 163, App	Sequence 163, App
C 864	13.4	0.8	19	1	US-10-251-117-383	Sequence 383, App	937	13.2	0.8	19	1	Sequence 6, Appl	Sequence 6, Appl
C 865	13.4	0.8	19	1	US-10-251-117-795	Sequence 795, App	938	13.2	0.8	19	1	Sequence 21, Appl	Sequence 21, Appl
C 866	13.4	0.8	19	1	US-10-251-117-1102	Sequence 1102, Ap	939	13.2	0.8	19	1	Sequence 26, Appl	Sequence 26, Appl
C 867	13.4	0.8	19	1	US-10-209-787-4375	Sequence 4375, Ap	940	13.2	0.8	19	1	Sequence 3, Appl	Sequence 3, Appl
C 868	13.4	0.8	19	1	US-10-307-005-2707	Sequence 2707, Ap	941	13.2	0.8	19	1	Sequence 889, App	Sequence 889, App
C 869	13.4	0.8	19	1	US-10-061-185-4375	Sequence 4375, Ap	942	13.2	0.8	19	1	Sequence 162, App	Sequence 162, App
C 870	13.4	0.8	20	1	US-10-017-621-81	Sequence 81, Appl	943	13.2	0.8	19	1	Sequence 46, Appl	Sequence 46, Appl
C 871	13.4	0.8	20	1	US-10-159-856-69	Sequence 69, Appl	944	13.2	0.8	19	1	Sequence 129, App	Sequence 129, App
C 872	13.4	0.8	20	1	US-10-159-856-123	Sequence 123, Appl	945	13.2	0.8	19	1	Sequence 29, Appl	Sequence 29, Appl
C 873	13.4	0.8	20	1	US-09-754-167-52	Sequence 52, Appl	946	13.2	0.8	19	1	Sequence 312, App	Sequence 312, App
C 874	13.4	0.8	20	1	US-09-791-942-26	Sequence 26, Appl	947	13.2	0.8	19	1	Sequence 642, App	Sequence 642, App
C 875	13.4	0.8	20	1	US-09-817-487A-3	Sequence 3, Appl	948	13.2	0.8	19	1	Sequence 949, App	Sequence 949, App
C 876	13.4	0.8	20	1	US-09-863-049A-20	Sequence 20, Appl	949	13.2	0.8	19	1	Sequence 889, App	Sequence 889, App
C 877	13.4	0.8	20	1	US-09-802-1108-83	Sequence 83, Appl	950	13.2	0.8	19	1	Sequence 569, App	Sequence 569, App
C 878	13.4	0.8	20	1	US-09-919-197-74	Sequence 74, Appl	951	13.2	0.8	19	1	Sequence 1027, Ap	Sequence 1027, Ap
C 879	13.4	0.8	20	1	US-10-642-802-162	Sequence 162, App	952	13.2	0.8	19	1	Sequence 1215, Ap	Sequence 1215, Ap
C 880	13.4	0.8	20	1	US-10-169-045-9	Sequence 9, Appl	953	13.2	0.8	19	1	Sequence 13, Appl	Sequence 13, Appl
C 881	13.4	0.8	20	1	US-10-163-272-19	Sequence 19, Appl	954	13.2	0.8	19	1	Sequence 9032, Ap	Sequence 9032, Ap
C 882	13.4	0.8	20	1	US-10-163-272-96	Sequence 96, Appl	955	13.2	0.8	19	1	Sequence 11036, A	Sequence 11036, A
C 883	13.4	0.8	20	1	US-10-010-920-93	Sequence 93, Appl	956	13.2	0.8	19	1	Sequence 11495, A	Sequence 11495, A
C 884	13.4	0.8	20	1	US-10-187-586-5	Sequence 5, Appl	957	13.2	0.8	19	1	Sequence 126, App	Sequence 126, App
C 885	13.4	0.8	20	1	US-10-008-721-93	Sequence 93, Appl	958	13.2	0.8	19	1	Sequence 127, App	Sequence 127, App
C 886	13.4	0.8	20	1	US-10-271-887-106	Sequence 106, App	959	13.2	0.8	19	1	Sequence 272, App	Sequence 272, App
C 887	13.4	0.8	20	1	US-10-001-076-162	Sequence 162, App	960	13.2	0.8	19	1	Sequence 100, App	Sequence 100, App
C 888	13.4	0.8	20	1	US-10-001-844-37	Sequence 37, Appl	961	13.2	0.8	19	1	Sequence 12, Appl	Sequence 12, Appl
C 889	13.4	0.8	20	1	US-10-151-481A-5	Sequence 5, Appl	962	13.2	0.8	19	1	Sequence 363, App	Sequence 363, App
C 890	13.4	0.8	20	1	US-10-139-604-9	Sequence 9, Appl	963	13.2	0.8	20	1	Sequence 17, Appl	Sequence 17, Appl
C 891	13.4	0.8	20	1	US-10-238-442-65	Sequence 65, Appl	964	13.2	0.8	20	1	Sequence 48, Appl	Sequence 48, Appl
C 892	13.4	0.8	20	1	US-10-168-844-24	Sequence 24, Appl	965	13.2	0.8	20	1	Sequence 18, Appl	Sequence 18, Appl
C 893	13.4	0.8	20	1	US-10-173-718-52	Sequence 52, Appl	966	13.2	0.8	20	1	Sequence 70, Appl	Sequence 70, Appl
C 894	13.4	0.8	20	1	US-10-173-718-106	Sequence 106, App	967	13.2	0.8	20	1	Sequence 116, App	Sequence 116, App
C 895	13.4	0.8	20	1	US-10-177-554-48	Sequence 48, Appl	968	13.2	0.8	20	1	Sequence 16, Appl	Sequence 16, Appl
C 896	13.4	0.8	20	1	US-10-177-554-184	Sequence 184, App	969	13.2	0.8	20	1	Sequence 27, Appl	Sequence 27, Appl
C 897	13.4	0.8	20	1	US-10-349-143-7238	Sequence 7238, Ap	970	13.2	0.8	20	1	Sequence 20, Appl	Sequence 20, Appl
C 898	13.4	0.8	20	1	US-10-289-762-2555	Sequence 2555, Ap	971	13.2	0.8	20	1	Sequence 5, Appl	Sequence 5, Appl
C 899	13.4	0.8	20	1	US-10-289-762-5490	Sequence 5490, Ap	972	13.2	0.8	20	1	Sequence 7, Appl	Sequence 7, Appl
C 900	13.4	0.8	20	1	US-10-298-215-2	Sequence 2, Appl	973	13.2	0.8	20	1	Sequence 21, Appl	Sequence 21, Appl
C 901	13.4	0.8	20	1	US-10-210-556-86	Sequence 86, Appl	974	13.2	0.8	20	1	Sequence 3055, Ap	Sequence 3055, Ap
C 902	13.4	0.8	20	1	US-10-380-255-18	Sequence 18, Appl	975	13.2	0.8	20	1	Sequence 46, Appl	Sequence 46, Appl
C 903	13.4	0.8	20	1	US-09-935-785-1	Sequence 1, Appl	976	13.2	0.8	20	1	Sequence 15, Appl	Sequence 15, Appl
C 904	13.2	0.8	18	1	US-09-969-373-1757	Sequence 1757, Ap	977	13.2	0.8	20	1	Sequence 35, Appl	Sequence 35, Appl
C 905	13.2	0.8	18	1	US-09-969-373-2009	Sequence 2009, Ap	978	13.2	0.8	20	1	Sequence 14, Appl	Sequence 14, Appl
C 906	13.2	0.8	18	1	US-09-250-611-56	Sequence 56, Appl	979	13.2	0.8	20	1	Sequence 46, Appl	Sequence 46, Appl
C 907	13.2	0.8	18	1	US-09-771-770-129	Sequence 129, App	980	13.2	0.8	20	1	Sequence 14, Appl	Sequence 14, Appl
C 908	13.2	0.8	18	1	US-09-908-153B-29	Sequence 29, Appl	981	13.2	0.8	20	1	Sequence 46, Appl	Sequence 46, Appl
C 909	13.2	0.8	18	1			982	13.2	0.8	20	1		

c 983	13.2	0.8	20	1	US-09-824-322B-260	Sequence 260, App	c1056	13.2	0.8	20	1	US-10-314-810-48	Sequence 48, Appl
984	13.2	0.8	20	1	US-09-824-322B-304	Sequence 304, App	c1057	13.2	0.8	20	1	US-10-417-719-15	Sequence 15, Appl
c 985	13.2	0.8	20	1	US-09-931-375A-27	Sequence 27, Appl	1058	13.2	0.8	20	1	US-10-032-585-4081	Sequence 4081, Ap
c 986	13.2	0.8	20	1	US-09-932-367A-105	Sequence 105, App	1059	13.2	0.8	20	1	US-10-032-585-4186	Sequence 4186, Ap
c 987	13.2	0.8	20	1	US-09-944-161-B	Sequence 8, Appli	c1060	13.2	0.8	20	1	US-10-032-585-4350	Sequence 4350, Ap
c 988	13.2	0.8	20	1	US-09-906-158-85	Sequence 8, Appl	c1061	13.2	0.8	20	1	US-10-084-839-2495	Sequence 2495, Ap
c 989	13.2	0.8	20	1	US-09-952-522B-24	Sequence 24, Appl	c1062	13.2	0.8	20	1	US-10-109-349A-89	Sequence 89, Appl
c 990	13.2	0.8	20	1	US-09-917-963-36	Sequence 36, Appl	c1063	13.2	0.8	20	1	US-10-165-099-164	Sequence 164, App
c 991	13.2	0.8	20	1	US-09-953-047-57	Sequence 57, Appl	c1064	13.2	0.8	20	1	US-10-276-401-48	Sequence 48, Appl
c 992	13.2	0.8	20	1	US-09-967-655-18	Sequence 18, Appl	c1065	13.2	0.8	20	1	US-10-080-979-52	Sequence 52, Appl
c 993	13.2	0.8	20	1	US-09-998-027-164	Sequence 164, App	c1066	13.2	0.8	20	1	US-10-448-836-25	Sequence 25, Appl
c 994	13.2	0.8	20	1	US-09-918-026A-18	Sequence 18, Appl	c1067	13.2	0.8	20	1	US-10-448-836-81	Sequence 81, Appl
c 995	13.2	0.8	20	1	US-09-864-426A-2495	Sequence 2495, Ap	c1068	13.2	0.8	20	1	US-10-148-835-133	Sequence 133, App
c 996	13.2	0.8	20	1	US-09-972-607-59	Sequence 59, Appl	1069	13.2	0.8	20	1	US-10-463-569-18	Sequence 18, Appl
c 997	13.2	0.8	20	1	US-09-993-731-30	Sequence 30, Appl	c1070	13.2	0.8	20	1	US-10-182-230-177	Sequence 177, App
c 998	13.2	0.8	20	1	US-09-961-001-63	Sequence 63, Appl	c1071	13.2	0.8	20	1	US-10-136-145-29	Sequence 29, Appl
c 999	13.2	0.8	20	1	US-09-908-147-168	Sequence 168, App	c1072	13.2	0.8	20	1	US-10-401-194-34	Sequence 34, Appl
1000	13.2	0.8	20	1	US-09-851-871-26	Sequence 26, Appl	c1073	13.2	0.8	20	1	US-10-055-624B-15	Sequence 15, Appl
c1001	13.2	0.8	20	1	US-09-864-426A-2495	Sequence 2495, Ap	c1074	13.2	0.8	20	1	US-10-360-510-363	Sequence 363, App
c1002	13.2	0.8	20	1	US-10-380-195A-12	Sequence 12, Appl	c1075	13.2	0.8	20	1	US-10-388-263-534	Sequence 534, App
c1003	13.2	0.8	20	1	US-10-380-195A-55	Sequence 55, Appl	c1076	13.2	0.8	20	1	US-10-174-771-73	Sequence 73, Appl
c1004	13.2	0.8	20	1	US-10-188-248-115	Sequence 115, App	c1077	13.2	0.8	20	1	US-10-174-771-142	Sequence 142, App
c1005	13.2	0.8	20	1	US-10-462-261-57	Sequence 57, Appl	c1078	13.2	0.8	20	1	US-10-174-128-40	Sequence 40, Appl
c1006	13.2	0.8	20	1	US-10-665-216-40	Sequence 40, Appl	c1079	13.2	0.8	20	1	US-10-174-128-72	Sequence 72, Appl
c1007	13.2	0.8	20	1	US-10-665-216-99	Sequence 99, Appl	c1080	13.2	0.8	20	1	US-10-174-460-21	Sequence 21, Appl
c1008	13.2	0.8	20	1	US-09-984-637-1	Sequence 1, Appli	1081	13.2	0.8	20	1	US-10-175-492-73	Sequence 73, Appl
c1009	13.2	0.8	20	1	US-10-380-125-71	Sequence 71, Appl	c1082	13.2	0.8	20	1	US-10-175-492-73	Sequence 73, Appl
c1010	13.2	0.8	20	1	US-10-630-401-57	Sequence 57, Appl	c1083	13.2	0.8	20	1	US-10-175-492-149	Sequence 149, App
c1011	13.2	0.8	20	1	US-09-820-198-4	Sequence 4, Appli	c1084	13.2	0.8	20	1	US-10-174-020-38	Sequence 38, Appl
c1012	13.2	0.8	20	1	US-09-895-585-8	Sequence 8, Appli	c1085	13.2	0.8	20	1	US-10-448-914A-25	Sequence 25, Appl
c1013	13.2	0.8	20	1	US-09-948-909-14	Sequence 14, Appl	c1086	13.2	0.8	20	1	US-10-448-914A-81	Sequence 81, Appl
c1014	13.2	0.8	20	1	US-09-948-909-46	Sequence 46, Appl	c1087	13.2	0.8	20	1	US-10-452-002A-20	Sequence 20, Appl
c1015	13.2	0.8	20	1	US-10-162-846-16	Sequence 16, Appl	c1088	13.2	0.8	20	1	US-10-452-002A-27	Sequence 27, Appl
c1016	13.2	0.8	20	1	US-10-162-846-93	Sequence 93, Appl	c1089	13.2	0.8	20	1	US-10-186-157-57	Sequence 57, Appl
c1017	13.2	0.8	20	1	US-10-463-509-18	Sequence 18, Appl	c1090	13.2	0.8	20	1	US-10-174-014-29	Sequence 29, Appl
c1018	13.2	0.8	20	1	US-10-388-360-272	Sequence 272, App	c1091	13.2	0.8	20	1	US-10-188-646-32	Sequence 32, Appl
c1019	13.2	0.8	20	1	US-10-025-167-29	Sequence 29, Appl	c1092	13.2	0.8	20	1	US-10-188-646-103	Sequence 103, App
c1020	13.2	0.8	20	1	US-10-011-119A-7	Sequence 7, Appli	c1093	13.2	0.8	20	1	US-10-188-646-107	Sequence 107, App
c1021	13.2	0.8	20	1	US-10-044-671-10	Sequence 10, Appl	c1094	13.2	0.8	20	1	US-10-349-143-5836	Sequence 5836, Ap
c1022	13.2	0.8	20	1	US-10-060-301-19	Sequence 19, Appl	c1095	13.2	0.8	20	1	US-10-349-143-8572	Sequence 8572, Ap
c1023	13.2	0.8	20	1	US-10-115-563-4	Sequence 4, Appli	c1096	13.2	0.8	20	1	US-10-402-089-14	Sequence 14, Appl
c1024	13.2	0.8	20	1	US-10-055-412B-23	Sequence 23, Appl	c1097	13.2	0.8	20	1	US-10-177-896-45	Sequence 45, Appl
c1025	13.2	0.8	20	1	US-10-159-495-7	Sequence 7, Appli	c1098	13.2	0.8	20	1	US-10-189-268-51	Sequence 51, Appl
c1026	13.2	0.8	20	1	US-10-181-107-121	Sequence 121, App	c1099	13.2	0.8	20	1	US-10-289-762-3591	Sequence 3591, Ap
c1027	13.2	0.8	20	1	US-10-181-107-165	Sequence 165, App	c1100	13.2	0.8	20	1	US-10-289-762-3605	Sequence 3605, Ap
c1028	13.2	0.8	20	1	US-10-181-107-174	Sequence 174, App	c1101	13.2	0.8	20	1	US-10-289-762-4303	Sequence 4303, Ap
c1029	13.2	0.8	20	1	US-10-181-846-74	Sequence 74, App	c1102	13.2	0.8	20	1	US-10-289-762-4426	Sequence 4426, Ap
c1030	13.2	0.8	20	1	US-10-061-269-18	Sequence 18, App	c1103	13.2	0.8	20	1	US-10-289-762-4963	Sequence 4963, Ap
c1031	13.2	0.8	20	1	US-10-159-322-7	Sequence 7, Appl	c1104	13.2	0.8	20	1	US-10-402-072A-14	Sequence 14, Appl
c1032	13.2	0.8	20	1	US-10-154-251-82	Sequence 82, Appl	c1105	13.2	0.8	20	1	US-10-210-479-65	Sequence 65, Appl
c1033	13.2	0.8	20	1	US-10-118-783-62	Sequence 62, Appl	c1106	13.2	0.8	20	1	US-10-210-556-111	Sequence 111, App
c1034	13.2	0.8	20	1	US-10-094-458A-33	Sequence 33, Appl	c1107	13.2	0.8	20	1	US-10-210-556-115	Sequence 115, App
c1035	13.2	0.8	20	1	US-10-143-266-8	Sequence 8, Appli	c1108	13.2	0.8	20	1	US-10-210-556-205	Sequence 205, App
c1036	13.2	0.8	20	1	US-10-190-012-18	Sequence 18, Appl	c1109	13.2	0.8	20	1	US-10-210-556-205	Sequence 205, App
c1037	13.2	0.8	20	1	US-10-006-430-27	Sequence 27, Appl	c1110	13.2	0.8	20	1	US-10-210-838-108	Sequence 108, App
c1038	13.2	0.8	20	1	US-10-232-561-4	Sequence 4, Appli	c1111	13.2	0.8	20	1	US-10-211-179-57	Sequence 57, Appl
c1039	13.2	0.8	20	1	US-10-006-366-38	Sequence 38, Appl	c1112	13.2	0.8	20	1	US-10-444-206-26	Sequence 26, Appl
c1040	13.2	0.8	20	1	US-10-007-010-86	Sequence 86, Appl	c1113	13.2	0.8	20	1	US-10-628-841-59	Sequence 59, Appl
c1041	13.2	0.8	20	1	US-10-290-473-14	Sequence 14, Appl	c1114	13.2	0.8	20	1	US-09-848-754A-9178	Sequence 9178, Ap
c1042	13.2	0.8	20	1	US-10-290-473-14	Sequence 34, Appl	c1115	13.2	0.8	20	1	US-09-864-636A-2387	Sequence 2387, Ap
c1043	13.2	0.8	20	1	US-10-348-485-44	Sequence 44, Appl	c1116	13.2	0.8	20	1	US-10-056-414-318	Sequence 318, App
c1044	13.2	0.8	20	1	US-10-320-095-5	Sequence 5, Appli	c1117	13.2	0.8	20	1	US-10-084-839-2387	Sequence 2387, Ap
c1045	13.2	0.8	20	1	US-10-376-566-32	Sequence 32, Appl	c1118	13	0.7	15	1	US-09-827-998-540	Sequence 540, App
c1046	13.2	0.8	20	1	US-10-255-478-39	Sequence 39, Appl	c1119	13	0.7	15	1	US-09-780-533A-10	Sequence 10, Appl
c1047	13.2	0.8	20	1	US-10-178-738-4	Sequence 4, Appli	c1120	13	0.7	15	1	US-09-848-754A-1868	Sequence 1868, Ap
c1048	13.2	0.8	20	1	US-10-178-738-4	Sequence 18, Appl	c1121	13	0.7	15	1	US-09-780-164-933	Sequence 933, App
c1049	13.2	0.8	20	1	US-10-326-190A-8	Sequence 8, Appli	c1122	13	0.7	17	1	US-09-740-332-479	Sequence 479, App
c1050	13.2	0.8	20	1	US-10-020-721-6	Sequence 6, Appli	c1123	13	0.7	17	1		
c1051	13.2	0.8	20	1	US-10-305-810-18	Sequence 18, Appl	c1124	13	0.7	17	1		
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c1054	13.2	0.8	20	1			c1127	13	0.7	17	1		
c1055	13.2	0.8	20	1			c1128	13	0.7	17	1		

1129	13	0.7	17	1	US-09-740-332-480	Sequence 480, App	Sequence 480, App	17	1	US-09-866-108-9023	Sequence 9023, App
c1130	13	0.7	17	1	US-09-740-332-4075	Sequence 4075, App	Sequence 4075, App	17	1	US-09-866-108-9024	Sequence 9024, App
c1131	13	0.7	17	1	US-09-740-332-4076	Sequence 4076, App	Sequence 4076, App	17	1	US-09-866-108-10009	Sequence 10009, A
c1132	13	0.7	17	1	US-09-792-818-250	Sequence 250, App	Sequence 250, App	17	1	US-09-866-108-10011	Sequence 10011, A
c1133	13	0.7	17	1	US-09-792-818-577	Sequence 577, App	Sequence 577, App	17	1	US-09-866-108-10403	Sequence 10403, A
c1134	13	0.7	17	1	US-09-817-879-479	Sequence 479, App	Sequence 479, App	17	1	US-09-866-108-10404	Sequence 10404, A
c1135	13	0.7	17	1	US-09-817-879-480	Sequence 480, App	Sequence 480, App	17	1	US-09-866-108-10663	Sequence 10663, A
c1136	13	0.7	17	1	US-09-817-879-480	Sequence 480, App	Sequence 480, App	17	1	US-09-866-108-10665	Sequence 10665, A
c1137	13	0.7	17	1	US-09-817-879-4075	Sequence 4075, App	Sequence 4075, App	17	1	US-09-827-998-124	Sequence 124, App
c1138	13	0.7	17	1	US-09-817-879-4076	Sequence 4076, App	Sequence 4076, App	17	1	US-09-827-998-125	Sequence 125, App
c1139	13	0.7	17	1	US-10-675-685-540	Sequence 540, App	Sequence 540, App	17	1	US-09-827-998-126	Sequence 126, App
c1140	13	0.7	17	1	US-09-927-046-966	Sequence 966, App	Sequence 966, App	17	1	US-09-827-998-127	Sequence 127, App
c1141	13	0.7	18	1	US-10-453-792-248	Sequence 248, App	Sequence 248, App	17	1	US-09-827-998-574	Sequence 574, App
c1142	13	0.7	18	1	US-10-314-657-207	Sequence 207, App	Sequence 207, App	17	1	US-09-827-998-577	Sequence 577, App
c1143	13	0.7	20	1	US-09-735-995-47	Sequence 47, App	Sequence 47, App	17	1	US-09-864-785-480	Sequence 480, App
c1144	13	0.7	20	1	US-09-824-322B-80	Sequence 80, App	Sequence 80, App	17	1	US-09-864-785-481	Sequence 481, App
c1145	13	0.7	20	1	US-09-816-814-9	Sequence 9, App	Sequence 9, App	17	1	US-09-825-805-476	Sequence 476, App
c1146	13	0.7	20	1	US-09-151-376-33	Sequence 33, App	Sequence 33, App	17	1	US-09-825-805-690	Sequence 690, App
c1147	13	0.7	20	1	US-09-940-244-62	Sequence 62, App	Sequence 62, App	17	1	US-09-888-326-333	Sequence 333, App
c1148	13	0.7	20	1	US-09-989-643-45	Sequence 45, App	Sequence 45, App	17	1	US-09-818-875-731	Sequence 731, App
c1149	13	0.7	20	1	US-09-906-158-43	Sequence 43, App	Sequence 43, App	17	1	US-09-818-875-732	Sequence 732, App
c1150	13	0.7	20	1	US-09-910-185-80	Sequence 80, App	Sequence 80, App	17	1	US-09-818-875-4094	Sequence 4094, App
c1151	13	0.7	20	1	US-09-864-636A-255	Sequence 255, App	Sequence 255, App	17	1	US-09-818-875-4095	Sequence 4095, App
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c1155	13	0.7	20	1	US-10-356-861-62	Sequence 62, App	Sequence 62, App	17	1	US-09-877-478-1416	Sequence 1416, App
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c1159	13	0.7	20	1	US-10-024-396-41	Sequence 41, App	Sequence 41, App	17	1	US-09-848-754A-970	Sequence 970, App
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c1162	13	0.7	20	1	US-10-084-839-255	Sequence 255, App	Sequence 255, App	17	1	US-09-848-754A-1123	Sequence 1123, App
c1163	13	0.7	20	1	US-10-388-263-492	Sequence 492, App	Sequence 492, App	17	1	US-09-848-754A-1434	Sequence 1434, App
c1164	13	0.7	20	1	US-10-277-216-176	Sequence 176, App	Sequence 176, App	17	1	US-09-848-754A-1961	Sequence 1961, App
c1165	13	0.7	20	1	US-10-277-216-176	Sequence 176, App	Sequence 176, App	17	1	US-09-848-754A-2296	Sequence 2296, App
c1166	13	0.7	20	1	US-10-094-886-272	Sequence 272, App	Sequence 272, App	17	1	US-09-848-754A-2777	Sequence 2777, App
c1167	13	0.7	20	1	US-10-277-216-81	Sequence 81, App	Sequence 81, App	17	1	US-09-848-754A-2945	Sequence 2945, App
c1168	13	0.7	20	1	US-10-289-762-3020	Sequence 3020, App	Sequence 3020, App	17	1	US-09-848-754A-3248	Sequence 3248, App
c1169	13	0.7	20	1	US-10-289-762-3023	Sequence 3023, App	Sequence 3023, App	17	1	US-09-848-754A-3284	Sequence 3284, App
c1170	13	0.7	20	1	US-10-126-022-81	Sequence 81, App	Sequence 81, App	17	1	US-09-848-754A-3569	Sequence 3569, App
c1171	13	0.7	20	1	US-10-126-022-176	Sequence 176, App	Sequence 176, App	17	1	US-09-848-754A-3602	Sequence 3602, App
c1172	13	0.7	20	1	US-10-213-993-81	Sequence 81, App	Sequence 81, App	17	1	US-09-848-754A-3603	Sequence 3603, App
c1173	12.8	0.7	16	1	US-10-444-206-66	Sequence 66, App	Sequence 66, App	17	1	US-09-848-754A-3659	Sequence 3659, App
c1174	12.8	0.7	16	1	US-10-339-674-3201	Sequence 3201, App	Sequence 3201, App	17	1	US-09-776-474-78	Sequence 78, Appl
c1175	12.8	0.7	16	1	US-10-104-023-7	Sequence 7, Appl	Sequence 7, Appl	17	1	US-09-776-474-607	Sequence 607, App
c1176	12.8	0.7	16	1	US-10-251-598-72	Sequence 72, App	Sequence 72, App	17	1	US-09-776-474-1018	Sequence 1018, App
c1177	12.8	0.7	17	1	US-09-866-108-660	Sequence 660, App	Sequence 660, App	17	1	US-09-776-474-1088	Sequence 1088, App
c1178	12.8	0.7	17	1	US-09-866-108-661	Sequence 661, App	Sequence 661, App	17	1	US-09-776-474-717	Sequence 717, App
c1179	12.8	0.7	17	1	US-09-866-108-1525	Sequence 1525, App	Sequence 1525, App	17	1	US-09-776-474-717	Sequence 717, App
c1180	12.8	0.7	17	1	US-09-866-108-1527	Sequence 1527, App	Sequence 1527, App	17	1	US-09-930-423-149	Sequence 149, App
c1181	12.8	0.7	17	1	US-09-866-108-6007	Sequence 6007, App	Sequence 6007, App	17	1	US-09-930-423-472	Sequence 472, App
c1182	12.8	0.7	17	1	US-09-866-108-6008	Sequence 6008, App	Sequence 6008, App	17	1	US-09-930-423-473	Sequence 473, App
c1183	12.8	0.7	17	1	US-09-866-108-6009	Sequence 6009, App	Sequence 6009, App	17	1	US-09-930-423-801	Sequence 801, App
c1184	12.8	0.7	17	1	US-09-866-108-6010	Sequence 6010, App	Sequence 6010, App	17	1	US-09-930-423-930	Sequence 930, App
c1185	12.8	0.7	17	1	US-09-866-108-6258	Sequence 6258, App	Sequence 6258, App	17	1	US-09-930-423-1143	Sequence 1143, App
c1186	12.8	0.7	17	1	US-09-866-108-6259	Sequence 6259, App	Sequence 6259, App	17	1	US-09-930-423-1177	Sequence 1177, App
c1187	12.8	0.7	17	1	US-09-866-108-6339	Sequence 6339, App	Sequence 6339, App	17	1	US-09-930-423-1297	Sequence 1297, App
c1188	12.8	0.7	17	1	US-09-866-108-6340	Sequence 6340, App	Sequence 6340, App	17	1	US-09-930-423-1695	Sequence 1695, App
c1189	12.8	0.7	17	1	US-09-866-108-6341	Sequence 6341, App	Sequence 6341, App	17	1	US-09-902-176A-22	Sequence 22, Appl
c1190	12.8	0.7	17	1	US-09-866-108-6342	Sequence 6342, App	Sequence 6342, App	17	1	US-09-827-395A-236	Sequence 236, App
c1191	12.8	0.7	17	1	US-09-866-108-6794	Sequence 6794, App	Sequence 6794, App	17	1	US-09-827-395A-660	Sequence 660, App
c1192	12.8	0.7	17	1	US-09-866-108-6797	Sequence 6797, App	Sequence 6797, App	17	1	US-09-827-395A-900	Sequence 900, App
c1193	12.8	0.7	17	1	US-09-866-108-7036	Sequence 7036, App	Sequence 7036, App	17	1	US-09-740-332-802	Sequence 802, App
c1194	12.8	0.7	17	1	US-09-866-108-7037	Sequence 7037, App	Sequence 7037, App	17	1	US-09-740-332-825	Sequence 825, App
c1195	12.8	0.7	17	1	US-09-866-108-7530	Sequence 7530, App	Sequence 7530, App	17	1	US-09-740-332-2350	Sequence 2350, App
c1196	12.8	0.7	17	1	US-09-866-108-7531	Sequence 7531, App	Sequence 7531, App	17	1	US-09-740-332-2981	Sequence 2981, App
c1197	12.8	0.7	17	1	US-09-866-108-8044	Sequence 8044, App	Sequence 8044, App	17	1	US-09-740-332-3730	Sequence 3730, App
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c1199	12.8	0.7	17	1	US-09-866-108-8303	Sequence 8303, App	Sequence 8303, App	17	1		
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c1202	12.8	0.7	17	1	US-09-866-108-8999	Sequence 8999, App	Sequence 8999, App	17	1		
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c1224	12.8	0.7	17	1				17	1		
c1225	12.8	0.7	17	1				17	1		
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c1230	12.8	0.7	17	1				17	1		
c1231	12.8	0.7	17	1				17	1		
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c1233	12.8	0.7	17	1				17	1		
c1234	12.8	0.7</									

c1275	12.8	0.7	17	1	US-09-740-332-4172	Sequence 4172, Ap	c1348	12.8	0.7	17	1	US-10-061-201-864	Sequence 864, App
c1276	12.8	0.7	17	1	US-09-792-818-209	Sequence 209, App	c1349	12.8	0.7	17	1	US-10-061-201-865	Sequence 865, App
c1277	12.8	0.7	17	1	US-09-792-818-359	Sequence 359, App	c1350	12.8	0.7	17	1	US-10-061-201-1043	Sequence 1043, Ap
c1278	12.8	0.7	17	1	US-09-792-818-520	Sequence 520, App	c1351	12.8	0.7	17	1	US-10-061-201-1044	Sequence 1044, Ap
c1279	12.8	0.7	17	1	US-09-745-237A-149	Sequence 149, App	c1352	12.8	0.7	17	1	US-10-061-201-1082	Sequence 1082, Ap
c1280	12.8	0.7	17	1	US-09-745-237A-472	Sequence 472, App	c1353	12.8	0.7	17	1	US-10-061-201-1984	Sequence 1984, Ap
c1281	12.8	0.7	17	1	US-09-745-237A-473	Sequence 473, App	c1354	12.8	0.7	17	1	US-10-084-839-3116	Sequence 3116, Ap
c1282	12.8	0.7	17	1	US-09-745-237A-801	Sequence 801, App	c1355	12.8	0.7	17	1	US-10-230-006-125	Sequence 125, App
c1283	12.8	0.7	17	1	US-09-745-237A-930	Sequence 930, App	c1356	12.8	0.7	17	1	US-10-230-006-705	Sequence 705, App
c1284	12.8	0.7	17	1	US-09-745-237A-1143	Sequence 1143, Ap	c1357	12.8	0.7	17	1	US-10-230-006-749	Sequence 749, App
c1285	12.8	0.7	17	1	US-09-745-237A-1177	Sequence 1177, Ap	c1358	12.8	0.7	17	1	US-10-230-006-1218	Sequence 1218, Ap
c1286	12.8	0.7	17	1	US-09-745-237A-1297	Sequence 1297, Ap	c1359	12.8	0.7	17	1	US-10-230-006-1347	Sequence 1347, Ap
c1287	12.8	0.7	17	1	US-09-745-237A-1297	Sequence 1297, Ap	c1360	12.8	0.7	17	1	US-10-230-006-2192	Sequence 2192, Ap
c1288	12.8	0.7	17	1	US-09-745-237A-1695	Sequence 1695, Ap	c1361	12.8	0.7	17	1	US-10-209-787-731	Sequence 731, App
c1289	12.8	0.7	17	1	US-09-817-879-802	Sequence 802, App	c1362	12.8	0.7	17	1	US-10-209-787-732	Sequence 732, App
c1290	12.8	0.7	17	1	US-09-817-879-825	Sequence 825, App	c1363	12.8	0.7	17	1	US-10-209-787-732	Sequence 732, App
c1291	12.8	0.7	17	1	US-09-817-879-2981	Sequence 2981, Ap	c1364	12.8	0.7	17	1	US-10-209-787-4094	Sequence 4094, Ap
c1292	12.8	0.7	17	1	US-09-817-879-3730	Sequence 3730, Ap	c1365	12.8	0.7	17	1	US-10-209-787-4095	Sequence 4095, Ap
c1293	12.8	0.7	17	1	US-09-817-879-3754	Sequence 3754, Ap	c1366	12.8	0.7	17	1	US-10-297-068-622	Sequence 622, App
c1294	12.8	0.7	17	1	US-09-817-879-4172	Sequence 4172, Ap	c1367	12.8	0.7	17	1	US-10-297-068-1200	Sequence 1200, Ap
c1295	12.8	0.7	17	1	US-10-222-566-8	Sequence 8, Appli	c1368	12.8	0.7	17	1	US-10-297-068-1213	Sequence 1213, Ap
c1296	12.8	0.7	17	1	US-10-342-902-1220	Sequence 1220, Ap	c1369	12.8	0.7	17	1	US-10-261-185-731	Sequence 731, App
c1297	12.8	0.7	17	1	US-10-342-902-1410	Sequence 1410, Ap	c1370	12.8	0.7	17	1	US-10-261-185-732	Sequence 732, App
c1298	12.8	0.7	17	1	US-10-342-902-1415	Sequence 1415, Ap	c1371	12.8	0.7	17	1	US-10-261-185-4094	Sequence 4094, Ap
c1299	12.8	0.7	17	1	US-10-342-902-1416	Sequence 1416, Ap	c1372	12.8	0.7	17	1	US-10-261-185-4095	Sequence 4095, Ap
c1300	12.8	0.7	17	1	US-10-342-902-1818	Sequence 1818, Ap	c1373	12.8	0.7	17	1	US-09-813-329-12	Sequence 12, Appl
c1301	12.8	0.7	17	1	US-10-342-902-2429	Sequence 2429, Ap	c1374	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1302	12.8	0.7	17	1	US-10-675-685-124	Sequence 124, App	c1375	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1303	12.8	0.7	17	1	US-10-675-685-125	Sequence 125, App	c1376	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1304	12.8	0.7	17	1	US-10-675-685-126	Sequence 126, App	c1377	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1305	12.8	0.7	17	1	US-10-675-685-127	Sequence 127, App	c1378	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1306	12.8	0.7	17	1	US-10-675-685-127	Sequence 127, App	c1379	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1307	12.8	0.7	17	1	US-10-675-685-127	Sequence 127, App	c1380	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1308	12.8	0.7	17	1	US-09-927-046-694	Sequence 694, App	c1381	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1309	12.8	0.7	17	1	US-09-927-046-807	Sequence 807, App	c1382	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1310	12.8	0.7	17	1	US-09-927-046-1212	Sequence 1212, Ap	c1383	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1311	12.8	0.7	17	1	US-09-927-046-1390	Sequence 1390, Ap	c1384	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1312	12.8	0.7	17	1	US-09-927-046-1439	Sequence 1439, Ap	c1385	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1313	12.8	0.7	17	1	US-10-314-578-717	Sequence 717, App	c1386	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1314	12.8	0.7	17	1	US-10-430-882-236	Sequence 236, App	c1387	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1315	12.8	0.7	17	1	US-10-430-882-660	Sequence 660, App	c1388	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1316	12.8	0.7	17	1	US-10-430-882-900	Sequence 900, App	c1389	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1317	12.8	0.7	17	1	US-10-112-653-690	Sequence 690, App	c1390	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1318	12.8	0.7	17	1	US-10-017-995-717	Sequence 717, App	c1391	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1319	12.8	0.7	17	1	US-10-222-162-8	Sequence 8, Appli	c1392	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1320	12.8	0.7	17	1	US-10-143-024-8	Sequence 8, Appli	c1393	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1321	12.8	0.7	17	1	US-10-060-895A-604	Sequence 604, App	c1394	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1322	12.8	0.7	17	1	US-10-060-895A-605	Sequence 605, App	c1395	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1323	12.8	0.7	17	1	US-10-060-998-60	Sequence 60, Appl	c1396	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1324	12.8	0.7	17	1	US-10-060-998-62	Sequence 62, Appl	c1397	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1325	12.8	0.7	17	1	US-10-060-998-1237	Sequence 1237, Ap	c1398	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1326	12.8	0.7	17	1	US-10-060-998-1238	Sequence 1238, Ap	c1399	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1327	12.8	0.7	17	1	US-10-163-552-409	Sequence 409, App	c1400	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1328	12.8	0.7	17	1	US-10-163-552-867	Sequence 867, App	c1401	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1329	12.8	0.7	17	1	US-10-156-306-2802	Sequence 2802, Ap	c1402	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1330	12.8	0.7	17	1	US-10-156-306-4481	Sequence 4481, Ap	c1403	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1331	12.8	0.7	17	1	US-10-156-306-5147	Sequence 5147, Ap	c1404	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1332	12.8	0.7	17	1	US-10-156-306-6336	Sequence 6336, Ap	c1405	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1333	12.8	0.7	17	1	US-10-156-306-6936	Sequence 6936, Ap	c1406	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1334	12.8	0.7	17	1	US-10-238-700-51	Sequence 51, Appl	c1407	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1335	12.8	0.7	17	1	US-10-238-700-2777	Sequence 2777, Ap	c1408	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1336	12.8	0.7	17	1	US-10-238-700-2801	Sequence 2801, Ap	c1409	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1337	12.8	0.7	17	1	US-10-238-700-2972	Sequence 2972, Ap	c1410	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1338	12.8	0.7	17	1	US-10-238-700-3019	Sequence 3019, Ap	c1411	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1339	12.8	0.7	17	1	US-10-238-700-3084	Sequence 3084, Ap	c1412	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1340	12.8	0.7	17	1	US-10-238-700-3089	Sequence 3089, Ap	c1413	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1341	12.8	0.7	17	1	US-10-339-782-327	Sequence 327, App	c1414	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1342	12.8	0.7	17	1	US-10-061-201-107	Sequence 107, App	c1415	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1343	12.8	0.7	17	1	US-10-061-201-109	Sequence 109, App	c1416	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1344	12.8	0.7	17	1	US-10-061-201-279	Sequence 279, App	c1417	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1345	12.8	0.7	17	1	US-10-061-201-281	Sequence 281, App	c1418	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1346	12.8	0.7	17	1	US-10-061-201-859	Sequence 859, App	c1419	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl
c1347	12.8	0.7	17	1	US-10-061-201-860	Sequence 860, App	c1420	12.8	0.7	17	1	US-09-558-257-11	Sequence 11, Appl

Query Match 1.3%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 9.7;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 136 AAGAAGATCAAAAGCGCAGCTGT 157
|||||
Db 22 AAGAAGATCAAAAGCGCAGCTGT 1

RESULT 4
US-09-801-274-752
; Sequence 752, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 752
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-752

Query Match 1.2%; Score 21.6; DB 1; Length 31;
Best Local Similarity 80.0%; Pred. No. 21;
Matches 24; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

Qy 979 GACCTCAAGCCCAAGAACTGCTCATCAAC 1008
|||||
Db 2 GACATCAAGCCCAAGAACTGCTGTCGAC 31

RESULT 5
US-09-801-274-94
; Sequence 94, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825-2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-94

Query Match 1.2%; Score 21; DB 1; Length 31;
Best Local Similarity 77.4%; Pred. No. 28;
Matches 24; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 577 GTCAGCCTTCTGAGATTGGCTTTGGGAAC 607
|||||
Db 1 GCCTCCCTGTCAGACMTTGGCTTTGGGAAC 31

RESULT 6
US-10-418-182-140
; Sequence 140, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-140

Query Match 1.2%; Score 20.2; DB 1; Length 27;
Best Local Similarity 88.0%; Pred. No. 33;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 222 GGATGAGAGTGGTGGTGGCGGC 246
|||||
Db 3 GGGTGGGGTGGTGGTGGCGGC 27

RESULT 7
US-10-017-621-10/c
; Sequence 10, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-017-621-10

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GCACGTAAGGATGGACAG 25
|||||
Db 20 GCACGTAAGGATGGACAG 1

RESULT 8
US-10-017-621-11/c
; Sequence 11, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07

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; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-11

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 14 AAGGATGGACAGGAATGCAG 33
Db 20 AAGGATGGACAGGAATGCAG 1

RESULT 9
US-10-017-621-12/c
; Sequence 12, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-12

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 27 AATGCAGAGGTAGGCAGGAG 46
Db 20 AATGCAGAGGTAGGCAGGAG 1

RESULT 10
US-10-017-621-13/c
; Sequence 13, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-13

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 AGGTAGGCAGGAGCAGC 53
Db 20 AGGTAGGCAGGAGCAGC 1

RESULT 11
US-10-017-621-14/c
; Sequence 14, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-14

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 48 ACCAGCAGTGTGACTGCTGA 67
Db 20 ACCAGCAGTGTGACTGCTGA 1

RESULT 12
US-10-017-621-15/c
; Sequence 15, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-15

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 56 TGTGACTGCTGAAACCCAGG 75
Db 20 TGTGACTGCTGAAACCCAGG 1

RESULT 13
US-10-017-621-16/c
; Sequence 16, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
```

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; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-16

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 117 GATCGCCATGGATCGGATGA 136
Db 20 GATCGCCATGGATCGGATGA 1

RESULT 14
US-10-017-621-17/c
; Sequence 17, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-17

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 GATCGGATGAAGAGATCAA 146
Db 20 GATCGGATGAAGAGATCAA 1

RESULT 15
US-10-017-621-18/c
; Sequence 18, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-18

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 131 GGATGAAGAGATCAACGG 150
Db 20 GGATGAAGAGATCAACGG 1

RESULT 16
US-10-017-621-19/c
; Sequence 19, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-19

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 138 GAAGATCAAAACGGCAGCTGT 157
Db 20 GAAGATCAAAACGGCAGCTGT 1

RESULT 17
US-10-017-621-20/c
; Sequence 20, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-20

Query Match          1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 143 TCAAACGGCAGCTGTCAATG 162
Db 20 TCAAACGGCAGCTGTCAATG 1

RESULT 18
US-10-017-621-21/c
; Sequence 21, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 21
```



```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-21

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 149 GGCAGCTGTCAATGACACTC 168
Db 20 GGCAGCTGTCAATGACACTC 1

RESULT 19
US-10-017-621-22/c
; Sequence 22, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-22

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 155 TGTCAATGACACTCCGAGGT 174
Db 20 TGTCAATGACACTCCGAGGT 1

RESULT 20
US-10-017-621-23/c
; Sequence 23, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-23

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 CGAGGTGGCCGAGGCATAGA 188
Db 20 CGAGGTGGCCGAGGCATAGA 1

RESULT 21
US-10-017-621-24/c
; Sequence 24, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-24

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 181 GGCATAGACAGACCAATGG 200
Db 20 GGCATAGACAGACCAATGG 1

RESULT 22
US-10-017-621-25/c
; Sequence 25, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-25

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 269 CACGTGCTGCTCCTGGGGAA 288
Db 20 CACGTGCTGCTCCTGGGGAA 1

RESULT 23
US-10-017-621-26/c
; Sequence 26, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-26

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 273 TGCTGCTCTCGGGAACCTTC 292
Db 20 TGCTGCTCTCGGGAACCTTC 1

RESULT 24
US-10-017-621-27/c
; Sequence 27, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-27

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 CTGGGGAACCTCGTTCTGCA 300
Db 20 CTGGGGAACCTCGTTCTGCA 1

RESULT 25
US-10-017-621-28/c
; Sequence 28, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-28

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 299 CACGGGGCCCACTCAGCTCT 318
Db 20 CACGGGGCCCACTCAGCTCT 1

RESULT 26
US-10-017-621-29/c
; Sequence 29, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-29

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 303 GGGCCCACTCAGCTCTGCAC 322
Db 20 GGGCCCACTCAGCTCTGCAC 1

RESULT 27
US-10-017-621-30/c
; Sequence 30, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-30

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 312 CAGCTCTGCACCAAGATTG 331
Db 20 CAGCTCTGCACCAAGATTG 1

RESULT 28
US-10-017-621-31/c
; Sequence 31, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-31

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 331 GTGCACGAGGACTTGAAGAT 350
    |||||
Db 20 GTGCACGAGGACTTGAAGAT 1

RESULT 29
US-10-017-621-32/c
; Sequence 32, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-32

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 335 ACCGAGACTTGAGATGGGG 354
    |||||
Db 20 ACCGAGACTTGAGATGGGG 1

RESULT 30
US-10-017-621-33/c
; Sequence 33, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-33

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 343 TTGAGATGGGCTGATGG 362
    |||||
Db 20 TTGAGATGGGCTGATGG 1

RESULT 31
US-10-017-621-34/c
; Sequence 34, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-34

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 370 GACCAGGCTTCAGCCAGTC 389
    |||||
Db 20 GACCAGGCTTCAGCCAGTC 1

RESULT 32
US-10-017-621-35/c
; Sequence 35, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-35

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 TCCTCGGATGAGTGCAGTC 407
    |||||
Db 20 TCCTCGGATGAGTGCAGTC 1

RESULT 33
US-10-017-621-36/c
; Sequence 36, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

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; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-36

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 406 TCTCAGTGAGAGTGGGTAT 425
Db 20 TCTCAGTGAGAGTGGGTAT 1

RESULT 34
US-10-017-621-37/c
; Sequence 37, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-37

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 455 CTGAGGACATCAACAGCGC 474
Db 20 CTGAGGACATCAACAGCGC 1

RESULT 37
US-10-017-621-40/c
; Sequence 40, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-40

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 471 GCGCCTATCACTACCACTG 490
Db 20 GCGCCTATCACTACCACTG 1

RESULT 38
US-10-017-621-41/c
; Sequence 41, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-36

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 406 TCTCAGTGAGAGTGGGTAT 425
Db 20 TCTCAGTGAGAGTGGGTAT 1

RESULT 34
US-10-017-621-37/c
; Sequence 37, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-37

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 415 AGAGTGGGTATGCGCAACCA 434
Db 20 AGAGTGGGTATGCGCAACCA 1

RESULT 35
US-10-017-621-38/c
; Sequence 38, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-38

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 445 AAGATCTCCACTGAGGACAT 464
Db 20 AAGATCTCCACTGAGGACAT 1

RESULT 36
US-10-017-621-39/c
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-41

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 CTACGAGCTGACATCGGCT 500
    |||||
Db 20 CTACGAGCTGACATCGGCT 1

RESULT 39
US-10-017-621-42/c
; Sequence 42, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-42

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 493 ATCCGGCTGCTGAGGGCTA 512
    |||||
Db 20 ATCCGGCTGCTGAGGGCTA 1

RESULT 40
US-10-017-621-43/c
; Sequence 43, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-43

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 499 CTGCTGAGGGCTACCTGGA 518
    |||||
Db 20 CTGCTGAGGGCTACCTGGA 1

RESULT 41
US-10-017-621-44/c
; Sequence 44, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-44

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 506 AGGGCTACCTGGAGAGCTG 525
    |||||
Db 20 AGGGCTACCTGGAGAGCTG 1

RESULT 42
US-10-017-621-45/c
; Sequence 45, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-45

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 519 GAGCTGACCTCAATAGCC 538
    |||||
Db 20 GAGCTGACCTCAATAGCC 1

RESULT 43
US-10-017-621-46/c
; Sequence 46, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-46
```

US-10-017-621-46

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 566 GCCTCCGTCGTGTCAGCCTA 585
DB 20 GCCTCCGTCGTGTCAGCCTA 1

RESULT 44

US-10-017-621-47/c

; Sequence 47, Application US/10017621

; Publication No. US20030138952A1

; GENERAL INFORMATION:

; APPLICANT: Susan M. Freier

; APPLICANT: Mark P. Roach

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621

; CURRENT FILING DATE: 2001-12-07

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 47

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-47

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 606 ACTGAGACCTACTTAAGC 625
DB 20 ACTGAGACCTACTTAAGC 1

RESULT 45

US-10-017-621-48/c

; Sequence 48, Application US/10017621

; Publication No. US20030138952A1

; GENERAL INFORMATION:

; APPLICANT: Susan M. Freier

; APPLICANT: Mark P. Roach

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621

; CURRENT FILING DATE: 2001-12-07

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 48

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-48

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 614 CCTACATTAACTGGACAAA 633
DB 20 CCTACATTAACTGGACAAA 1

RESULT 46

US-10-017-621-49/c

; Sequence 49, Application US/10017621

; Publication No. US20030138952A1

; GENERAL INFORMATION:

; APPLICANT: Susan M. Freier

; APPLICANT: Mark P. Roach

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621

; CURRENT FILING DATE: 2001-12-07

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 49

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-49

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 GGCAAAAGCAAGCTCACAGA 686
DB 20 GGCAAAAGCAAGCTCACAGA 1

RESULT 47

US-10-017-621-50/c

; Sequence 50, Application US/10017621

; Publication No. US20030138952A1

; GENERAL INFORMATION:

; APPLICANT: Susan M. Freier

; APPLICANT: Mark P. Roach

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621

; CURRENT FILING DATE: 2001-12-07

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 50

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-50

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 693 TGTGGCACTCAAGGAGATCA 712
DB 20 TGTGGCACTCAAGGAGATCA 1

RESULT 48

US-10-017-621-51/c

; Sequence 51, Application US/10017621

; Publication No. US20030138952A1

; GENERAL INFORMATION:

; APPLICANT: Susan M. Freier

; APPLICANT: Mark P. Roach

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621

; CURRENT FILING DATE: 2001-12-07

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 51

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-017-621-51


```
Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAAAAC 783
    |||||
Db 20 TGCTCAAGGACCTCAAAAC 1

RESULT 49
US-10-017-621-52/c
; Sequence 52, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-54

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 TGCCACCGCGCAGAGGTGCT 971
    |||||
Db 20 TGCCACCGCGCAGAGGTGCT 1

RESULT 50
US-10-017-621-55/c
; Sequence 55, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-55

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGGCAGAGGTGCTACACCG 977
    |||||
Db 20 CGGCAGAGGTGCTACACCG 1

RESULT 53
US-10-017-621-56/c
; Sequence 56, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-56

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGGCAGAGGTGCTACACCG 977
    |||||
Db 20 CGGCAGAGGTGCTACACCG 1

RESULT 51
US-10-017-621-54/c
; Sequence 54, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-53

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 814 CACACGAGAGTCCCTCAC 833
    |||||
Db 20 CACACGAGAGTCCCTCAC 1

RESULT 52
US-10-017-621-55/c
; Sequence 55, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-53
```

<p>APPLICANT: Mark P. Roach</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION</p> <p>FILE REFERENCE: RTS-0350</p> <p>CURRENT APPLICATION NUMBER: US/10/017,621</p> <p>CURRENT FILING DATE: 2001-12-07</p> <p>NUMBER OF SEQ ID NOS: 89</p> <p>SEQ ID NO 59</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Antisense Oligonucleotide</p> <p>US-10-017-621-59</p>	<p>Query Match 1.1%; Score 20; DB 1; Length 20;</p> <p>Best Local Similarity 100.0%; Pred.No.23;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>
QY 1207 TTTCCGGGCTCCACGGTGGA 1226 	
Db 20 TTTCCGGGCTCCACGGTGGA 1	
<p>RESULT 57</p> <p>US-10-017-621-60/c</p> <p>Sequence 60, Application US/10017621</p> <p>Publication No. US20030138952A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Susan M. Freier</p> <p>APPLICANT: Mark P. Roach</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION</p> <p>FILE REFERENCE: RTS-0350</p> <p>CURRENT APPLICATION NUMBER: US/10/017,621</p> <p>CURRENT FILING DATE: 2001-12-07</p> <p>NUMBER OF SEQ ID NOS: 89</p> <p>SEQ ID NO 60</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Antisense Oligonucleotide</p> <p>US-10-017-621-60</p>	<p>Query Match 1.1%; Score 20; DB 1; Length 20;</p> <p>Best Local Similarity 100.0%; Pred.No.23;</p> <p>Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>
QY 1225 GAGAACAGCTACATTCAT 1244 	
Db 20 GAGAACAGCTACATTCAT 1	
<p>RESULT 58</p> <p>US-10-017-621-61/c</p> <p>Sequence 61, Application US/10017621</p> <p>Publication No. US20030138952A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Susan M. Freier</p> <p>APPLICANT: Mark P. Roach</p> <p>TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION</p> <p>FILE REFERENCE: RTS-0350</p> <p>CURRENT APPLICATION NUMBER: US/10/017,621</p> <p>CURRENT FILING DATE: 2001-12-07</p> <p>NUMBER OF SEQ ID NOS: 89</p> <p>SEQ ID NO 61</p> <p>LENGTH: 20</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Antisense Oligonucleotide</p> <p>US-10-017-621-61</p>	<p>Query Match 1.1%; Score 20; DB 1; Length 20;</p>

```
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1232 AGCTACACTTCATCTTCCT 1251
Db 20 AGCTACACTTCATCTTCCT 1

RESULT 59
US-10-017-621-62/c
; Sequence 62, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-62

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1326 CAAGTACCGAGCGCGGCC 1345
Db 20 CAAGTACCGAGCGCGGCC 1

RESULT 62
US-10-017-621-65/c
; Sequence 65, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-65

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1391 TCACCAAGCTGTTCAGTTT 1410
Db 20 TCACCAAGCTGTTCAGTTT 1

RESULT 63
US-10-017-621-66/c
; Sequence 66, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-66

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1280 GGCCAGGCATCCTGTCCAAC 1299
Db 20 GGCCAGGCATCCTGTCCAAC 1

RESULT 60
US-10-017-621-63/c
; Sequence 63, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-63

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1284 AGGCATCCTGTCCAACGAGG 1303
Db 20 AGGCATCCTGTCCAACGAGG 1

RESULT 61
US-10-017-621-64/c
; Sequence 64, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
```

```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1396 AAGCTGTTCAGTTGAGGG 1415
      |||||
Db 20 AAGCTGTTCAGTTGAGGG 1

RESULT 64
US-10-017-621-67/c
; Sequence 67, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-67

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1402 TTGCAGTTGAGGTCGAAA 1421
      |||||
Db 20 TTGCAGTTGAGGTCGAAA 1

RESULT 65
US-10-017-621-68/c
; Sequence 68, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-68

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1419 AAATCGGATCTCCGACAGG 1438
      |||||
Db 20 AAATCGGATCTCCGACAGG 1

RESULT 66
US-10-017-621-69/c
; Sequence 69, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
```

```
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-69

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1436 AGGATGCCATGAAACATCCA 1455
      |||||
Db 20 AGGATGCCATGAAACATCCA 1

RESULT 67
US-10-017-621-70/c
; Sequence 70, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-70

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1449 ACATCCATTCTCTCAGTC 1468
      |||||
Db 20 ACATCCATTCTCTCAGTC 1

RESULT 68
US-10-017-621-71/c
; Sequence 71, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-71

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1459 AAATCGGATCTCCGACAGG 1478
      |||||
Db 20 AAATCGGATCTCCGACAGG 1

RESULT 69
US-10-017-621-72/c
; Sequence 72, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
```

QY 1457 TCTTCTCAGTCTGGGGGAG 1476
| | | | | | | | | | | | | | | | | |
Db 20 TCTTCTCAGTCTGGGGGAG 1

RESULT 69

US-10-017-621-72/c
; Sequence 72, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-72

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1465 AGTCTGGGGGAGCGGATCCA 1484
| | | | | | | | | | | | | | | | | |
Db 20 AGTCTGGGGGAGCGGATCCA 1

RESULT 70

US-10-017-621-73/c
; Sequence 73, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-73

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1476 GCGGATCCCAAACTTCTGT 1495
| | | | | | | | | | | | | | | | | |
Db 20 GCGGATCCCAAACTTCTGT 1

RESULT 71

US-10-017-621-74/c
; Sequence 74, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350

; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-74

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1480 ATCCACAAACTTCTTGACAC 1499
| | | | | | | | | | | | | | | | | |
Db 20 ATCCACAAACTTCTTGACAC 1

RESULT 72

US-10-017-621-75/c
; Sequence 75, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-75

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1490 TTCTGACACTACTTCCATA 1509
| | | | | | | | | | | | | | | | | |
Db 20 TTCTGACACTACTTCCATA 1

RESULT 73

US-10-017-621-76/c
; Sequence 76, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-76

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1506	CATATTTCGACTAAAGGAGA	1525
Db	20	CATATTTCGACTAAAGGAGA	1
RESULT 74			
US-10-017-621-77/c			
; Sequence 77, Application US/10017621			
; Publication No. US20030138952A1			
; GENERAL INFORMATION:			
; APPLICANT: Susan M. Freier			
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION			
; FILE REFERENCE: RTS-0350			
; CURRENT APPLICATION NUMBER: US/10/017,621			
; CURRENT FILING DATE: 2001-12-07			
; NUMBER OF SEQ ID NOS: 89			
; SEQ ID NO 77			
; LENGTH: 20			
; TYPE: DNA			
; ORGANISM: Artificial Sequence			
; FEATURE:			
; OTHER INFORMATION: Antisense Oligonucleotide			
US-10-017-621-77			
Query Match			
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;			
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1533	ACAAAAGGAGCCGAGCCTTC	1552
Db	20	ACAAAAGGAGCCGAGCCTTC	1
RESULT 75			
US-10-017-621-78/c			
; Sequence 78, Application US/10017621			
; Publication No. US20030138952A1			
; GENERAL INFORMATION:			
; APPLICANT: Susan M. Freier			
; APPLICANT: Mark P. Roach			
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION			
; FILE REFERENCE: RTS-0350			
; CURRENT APPLICATION NUMBER: US/10/017,621			
; CURRENT FILING DATE: 2001-12-07			
; NUMBER OF SEQ ID NOS: 89			
; SEQ ID NO 78			
; LENGTH: 20			
; TYPE: DNA			
; ORGANISM: Artificial Sequence			
; FEATURE:			
; OTHER INFORMATION: Antisense Oligonucleotide			
US-10-017-621-78			
Query Match			
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;			
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1543	GCCAGCCTTCGGTCTTGTC	1562
Db	20	GCCAGCCTTCGGTCTTGTC	1
RESULT 76			
US-10-017-621-79/c			
; Sequence 79, Application US/10017621			
; Publication No. US20030138952A1			
; GENERAL INFORMATION:			
; APPLICANT: Susan M. Freier			
; APPLICANT: Mark P. Roach			
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION			
; FILE REFERENCE: RTS-0350			
; CURRENT APPLICATION NUMBER: US/10/017,621			
; CURRENT FILING DATE: 2001-12-07			
; NUMBER OF SEQ ID NOS: 89			
; SEQ ID NO 79			
; LENGTH: 20			
; TYPE: DNA			
; ORGANISM: Artificial Sequence			
; FEATURE:			
; OTHER INFORMATION: Antisense Oligonucleotide			
US-10-017-621-79			
Query Match			
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;			
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1554	GCTTCGTGCCTGACT	1573
Db	20	GCTTCGTGCCTGACT	1
RESULT 77			
US-10-017-621-80/c			
; Sequence 80, Application US/10017621			
; Publication No. US20030138952A1			
; GENERAL INFORMATION:			
; APPLICANT: Susan M. Freier			
; APPLICANT: Mark P. Roach			
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION			
; FILE REFERENCE: RTS-0350			
; CURRENT APPLICATION NUMBER: US/10/017,621			
; CURRENT FILING DATE: 2001-12-07			
; NUMBER OF SEQ ID NOS: 89			
; SEQ ID NO 80			
; LENGTH: 20			
; TYPE: DNA			
; ORGANISM: Artificial Sequence			
; FEATURE:			
; OTHER INFORMATION: Antisense Oligonucleotide			
US-10-017-621-80			
Query Match			
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;			
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1558	TGTCGATCGCTGACTCAGG	1577
Db	20	TGTCGATCGCTGACTCAGG	1
RESULT 78			
US-10-017-621-81/c			
; Sequence 81, Application US/10017621			
; Publication No. US20030138952A1			
; GENERAL INFORMATION:			
; APPLICANT: Susan M. Freier			
; APPLICANT: Mark P. Roach			
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION			
; FILE REFERENCE: RTS-0350			
; CURRENT APPLICATION NUMBER: US/10/017,621			
; CURRENT FILING DATE: 2001-12-07			
; NUMBER OF SEQ ID NOS: 89			
; SEQ ID NO 81			
; LENGTH: 20			
; TYPE: DNA			
; ORGANISM: Artificial Sequence			
; FEATURE:			
; OTHER INFORMATION: Antisense Oligonucleotide			
US-10-017-621-81			
Query Match			
Best Local Similarity 1.1%; Score 20; DB 1; Length 20;			
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1563	GATGCCCTGACTCAGGCAGG	1582


```
|||||
Db 20 GATGCTGACTCAGGCAGGC 1

RESULT 79
US-10-017-621-82/c
; Sequence 82, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RFS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-82

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1582 CCAGCTTCCGCGTGGTGA 1601
Db 20 CCAGCTTCCGCGTGGTGA 1

RESULT 80
US-10-017-621-83/c
; Sequence 83, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RFS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-83

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1598 TGGACACCGAGTTCTAGCC 1617
Db 20 TGGACACCGAGTTCTAGCC 1

RESULT 81
US-10-017-621-84/c
; Sequence 84, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RFS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-84

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1603 ACCGAGTTCTAGCCACAGA 1622
Db 20 ACCGAGTTCTAGCCACAGA 1

RESULT 82
US-10-017-621-85/c
; Sequence 85, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RFS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-85

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1640 AGCGGCTGGAGGATGCCAC 1659
Db 20 AGCGGCTGGAGGATGCCAC 1

RESULT 83
US-10-017-621-86/c
; Sequence 86, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RFS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-86

Query Match 1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1715 GCCTGAGCCATGTTCACTG 1734
Db 20 GCCTGAGCCATGTTCACTG 1734
```

```
Db      20  GCCTGAGCCATGTTCACTG 1
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51208

Query Match      1.1%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 49;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      686  ACAACCTTGTGGCACTCAAGGAGA 709
        |||||
Db      25  ACAACCTTGTGGCACTCAAGGAGA 2

RESULT 84
US-10-017-621-87/c
; Sequence 87, Application US/10017621
; Publication No. US20030138952A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0350
; CURRENT APPLICATION NUMBER: US/10/017,621
; CURRENT FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-017-621-87

Query Match      1.1%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 23;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1719 GAGCCATGTTCACTGCCCCA 1738
        |||||
Db      20  GAGCCATGTTCACTGCCCCA 1

RESULT 85
US-10-098-263B-51207/c
; Sequence 51207, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51207

Query Match      1.1%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 49;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      686  ACAACCTTGTGGCACTCAAGGAGA 709
        |||||
Db      25  ACAACCTTGTGGCACTCAAGGAGA 2

RESULT 86
US-10-098-263B-51208/c
; Sequence 51208, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51208

Query Match      1.1%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      111  CCGCGCGATCGCCATGGAT 129
        |||||
Db      1    CCGCGCGATCGCCATGGAT 19

RESULT 88
US-10-188-779A-28/c
; Sequence 28, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-28

Query Match      1.1%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1029 GCCTGACTTGGCCCTGGCC 1047
        |||||
```

```
Db      20 GGCTGACTTTGGCTGGCC 2

RESULT 89
US-10-188-779A-180
; Sequence 180, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PIS-0042
; CURRENT APPLICATION NUMBER: US/10/188, 779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 180
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-188-779A-180

Query Match      1.1%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1029 GGCTGACTTTGGCTGGCC 1047
      |||||
Db      1 GGCTGACTTTGGCTGGCC 19

RESULT 90
US-10-098-263B-39568
; Sequence 39568, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 39568
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-39568

Query Match      1.1%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 60;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1256 TAGGACCCCACTGAGGAGAC 1277
      |||||
Db      4 TAGGCACTCCAAGTGAAGAGAC 25

RESULT 91
US-09-866-108-15295
; Sequence 15295, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761

; QUERY MATCH      1.1%; Score 18.6; DB 1; Length 25;
; Best Local Similarity 84.0%; Pred. No. 66;
; Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      555 CCTCAGCGCGCGCTCGTGTGTC 579
      |||||
Db      1 CCTCATCTCCGGCTCCATCGTGTGTC 25

RESULT 92
US-10-060-756A-3581/c
; Sequence 3581, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
```

```
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3581
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3581

Query Match      1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 66;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 217 GGCTGGATGAGAGTGGTGGTGGT 241
    ||||| ||||| ||||| ||||| |||||
Db 25 GGCCAGGATGTTAGTGATGGTGGT 1

RESULT 93
US-10-060-756A-3582/c
; Sequence 3582, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3582
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3582

Query Match      1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 66;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 216 AGGCTGGATGAGAGTGGTGGTGGT 240
    ||||| ||||| ||||| ||||| |||||
Db 25 AGGCCAGGATGTTAGTGATGGTGGT 1

RESULT 94
US-10-098-263B-102019/c
; Sequence 102019, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
```

```
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 102019
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-102019

Query Match      1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 66;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 391 TCGATGAGGTGCAGTCTCCAGTGA 415
    ||||| ||||| ||||| ||||| |||||
Db 25 TAGGATGAGGTGCACCTCAAGTGA 1

RESULT 95
US-09-992-665-289
; Sequence 289, Application US/09992665
; Publication No. US20030092009A1
; GENERAL INFORMATION:
; APPLICANT: Kaia Palm
; TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
; FILE REFERENCE: CEMINES.002A
; CURRENT APPLICATION NUMBER: US/09/992,665
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 60/249,508
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 380
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 289
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe
US-09-992-665-289

Query Match      1.0%; Score 18.2; DB 1; Length 27;
Best Local Similarity 87.0%; Pred. No. 91;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 921 CCTGTTCCAGTGCTCCGTGGCC 943
    ||||| ||||| ||||| ||||| |||||
Db 3  CCTGCTCCAGTGCCACCGTGGCC 25

RESULT 96
US-09-866-108-15294
; Sequence 15294, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 15294
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-15294

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTCGTGT 578
|||||
DB 2 CCTCATCTCCGGCTCCATCGTGT 25
|||||

RESULT 97
US-09-866-108-15296
; Sequence 15296, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 15296
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-15296

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 556 CTCAGCGCGCGCTCCGTCGTGT 579
|||||
DB 1 CTCATCTCCGGCTCCATCGTGT 24
|||||

RESULT 98
US-10-060-756A-3580/C
; Sequence 3580, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3580
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3580

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 218 GCCTGGATGAGAGTGGTGGTG 241
|||||
DB 25 GCCAGGATGTTAGTGGTGGTG 2
|||||

RESULT 99
US-10-060-756A-3583/c
; Sequence 3583, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aescima Sequence Listing Engine
; SEQ ID NO 3583
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3583

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 216 AGGCCTGGATGAGATGGTGTGG 239
|||||
Db 24 AGCCAGCATGCTAGTGTGGTGG 1

RESULT 100
US-10-098-263B-83985/c
; Sequence 83985, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83985
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83985

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1056 GTCATCCCAACACACATCTC 1079
|||||
Db 25 GTCACACCTAAGAAACCTACTC 2

RESULT 101
US-10-098-263B-127250/c
; Sequence 127250, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127250
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-127250

Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 794 TTACGCTACATGACATTCACCA 817
|||||
Db 25 TTATGCGACATGACATTTGTCACA 2

RESULT 102
US-10-115-482-123
; Sequence 123, Application US/10115482
; Publication No. US20030212257A1
; GENERAL INFORMATION:
; APPLICANT: Spytek, et al.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; TITLE OF INVENTION: AND METHODS
; TITLE OF INVENTION: OF USING THE SAME
; FILE REFERENCE: 21404-322D
; CURRENT APPLICATION NUMBER: US/10/115,482
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/285,325
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: 60/285,890
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 60/286,068
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: 60/286,292
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 60/287,213
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 60/288,257
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/291,134
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/291,725
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/294,771
; PRIOR FILING DATE: 2001-05-31

```
; PRIOR APPLICATION NUMBER: 60/296,965
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/299,128
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 149
; SEQ ID NO 123
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-115-482-123

Query Match
Best Local Similarity 1.0%; Score 17.6; DB 1; Length 26;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 972 ACACGAGACCTCAAGCCCGAGAA 995
DB 1 ATACGAGACCTCAAGCCCGAGAA 24

RESULT 103
US-10-098-263B-39567
; Sequence 39567, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 39567
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-39567

Query Match
Best Local Similarity 1.0%; Score 17.2; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1256 TAGGAACCCCACTGAGGAGAC 1277
DB 4 TAGGCACTCGAAGTGGAGAGAC 25

RESULT 104
US-09-774-809-31/c
; Sequence 31, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 463

; PRIOR APPLICATION NUMBER: 60/296,965
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/299,128
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 149
; SEQ ID NO 123
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-115-482-123

Query Match
Best Local Similarity 1.0%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTGGCCTGGCCCG 1049
DB 20 GACTTGGCCTGGCCCG 4

RESULT 105
US-09-774-809-42
; Sequence 42, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-42

Query Match
Best Local Similarity 1.0%; Score 17; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTGGCCTGGCCCG 1049
DB 1 GACTTGGCCTGGCCCG 17

RESULT 106
US-09-888-326-463/c
; Sequence 463, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 463
```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)-(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-463

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
|||
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 107
US-09-776-479-311/c
; Sequence 311, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TREATMENT OF: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
|||
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 108
US-09-776-479-311/c
; Sequence 311, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TREATMENT OF: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-311

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
|||
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 109
US-10-345-444B-31/c
; Sequence 31, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODU
; TITLE OF INVENTION: OF JNK PROTEINS
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-31

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
|||
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 110
US-10-345-444B-42
; Sequence 42, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODU
; TITLE OF INVENTION: OF JNK PROTEINS
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809


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; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 301
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-301

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 113
US-10-017-995-311/c
; Sequence 311, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-311

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 114
US-10-291-808-73/c
; Sequence 73, Application US/10291808
; Publication No. US2003024382A1
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/10/291,808
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US/09/300,958
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
```

```
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US 09/396,902
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-42

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
Db 1 GACTTTGGCCTGGCCCG 17

RESULT 111
US-10-314-578-311/c
; Sequence 311, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 311
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-311

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCCTGGCCCG 1049
Db 20 GACTTTGGCCTGGCCCG 4

RESULT 112
US-10-112-653-301/c
; Sequence 301, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
```

```
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 73
; TYPE: DNA
; LENGTH: 25
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-73

Query Match      1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 531 CAAAGCCCCATCTTTGACAGCC 555
Db 25 CACTAGCAGCATCTTTGAAAAGCAC 1

RESULT 115
US-10-098-263B-48152/c
; Sequence 48152, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 48152
; TYPE: DNA
; LENGTH: 25
; ORGANISM: Homo sapien
US-10-098-263B-48152

Query Match      1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 787 AACATCGTTACGCTACATGACATTA 811
Db 25 AATAACGTCACACTACAAGACATTA 1

RESULT 116
US-10-098-263B-102020/c
; Sequence 102020, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 102020
; TYPE: DNA
; LENGTH: 25
; ORGANISM: Homo sapien
US-10-098-263B-102020

Query Match      1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 787 AACATCGTTACGCTACATGACATTA 811
Db 25 AATAACGTCACACTACAAGACATTA 1

RESULT 117
US-10-098-263B-128708/c
; Sequence 128708, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 128708
; TYPE: DNA
; LENGTH: 25
; ORGANISM: Homo sapien
US-10-098-263B-128708

Query Match      1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 232 GGTGGTGGTGGCGGCGCAGTGACCCCTG 256
Db 25 GTTGGTGTCTGTGCGAAGTGGCCCTG 1

RESULT 118
US-10-016-248-132
; Sequence 132, Application US/10016248
; Publication No. US20040033491A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-218
; CURRENT APPLICATION NUMBER: US/01/016,248
; PRIOR FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/254,329
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/291,037
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/255,648
; PRIOR FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: 60/297,173
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/309,258
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/326,393
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/315,639
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 132
; TYPE: DNA
; LENGTH: 26
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-016-248-132

Query Match      1.0%; Score 17; DB 1; Length 26;
Best Local Similarity 80.0%; Pred. No. 1.6e+02;
```



```
; Sequence 1391, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1391
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1391

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027
Db 3 CAGCAAGAGGAGAGAGGTCAGC 25

RESULT 127
US-09-827-998-1392
; Sequence 1392, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1392
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1392

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027
Db 2 CAGCAAGAGGAGAGAGGTCAGC 24

RESULT 128
US-09-827-998-1393
; Sequence 1393, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1393
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1393

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027
Db 1 CAGCAAGAGGAGAGAGGTCAGC 23

RESULT 129
US-10-675-685-1391
; Sequence 1391, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1391
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1391

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.8%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027
Db 3 CAGCAAGAGGAGAGAGGTCAGC 25

RESULT 130
US-10-675-685-1392
; Sequence 1392, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1392
; LENGTH: 25
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
US-10-675-685-1392

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1005 CAACGAGGGGAGAGCTCAAGC 1027
Db 2 CAGCAAGAGGAGAGAGGTCAAGC 24

RESULT 131
US-10-675-685-1393
; Sequence 1393, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1393
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1393

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1005 CAACGAGGGGAGAGCTCAAGC 1027
Db 1 CAGCAAGAGGAGAGAGGTCAAGC 23

RESULT 132
US-10-660-756A-3579/c
; Sequence 3579, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3579
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-3579/c

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 216 AGGCCTGGATGAGAGTGGTGGTG 238
Db 23 AGCCAGGATGTTAGTGGTGGTG 1

RESULT 134
US-10-215-112-12033/c
; Sequence 12033, Application US/10215112
; Publication No. US20030082596A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mirtmann
; TITLE OF INVENTION: Method of Genetic Analysis of Probes:
; FILE REFERENCE: Test3
; FILE REFERENCE: 3119
; CURRENT APPLICATION NUMBER: US/10/215,112
; CURRENT FILING DATE: 2002-08-08
; NUMBER OF SEQ ID NOS: 14936
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12033
; LENGTH: 25
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-12033

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1136 ACTACTCCACTCAGATTGACATG 1158
      ||||| ||||| ||||| |||||
Db 25 ACTACCACACTCAGTGTGACATG 3

RESULT 135
US-10-098-263B-47771/c
; Sequence 47771, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 47771
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-47771

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 815 ACACGAGAGAGTCCCTCAGCCTT 837
      ||||| ||||| ||||| |||||
Db 24 AAACAGAGAGGTCTCTCAGCCTT 2

RESULT 136
US-10-098-263B-51199/c
; Sequence 51199, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 51199
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-51199

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCCGCCGCTCGTGTGTG 577
      ||||| ||||| ||||| |||||
Db 24 CCCCAGACGCCGCTTCGTGTGTG 2

RESULT 137
US-10-098-263B-91054
; Sequence 91054, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91054
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-91054

Query Match      1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1469 TGGGGAGGGGATCCACAACTT 1491
      ||||| ||||| ||||| |||||
Db 2 TGGTGGATCGGATCCGAAGCTT 24

RESULT 138
US-10-066-965A-30
; Sequence 30, Application US/10066965A
; Publication No. US20030143626A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIERRE
; APPLICANT: BRENT, ROGER
; APPLICANT: COHEN, BARAK A.
; TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REFERENCE: EGYP 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-066-965A-30

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 229 AGTGTGTGTGTGCGCGC 245
      ||||| ||||| ||||| |||||
Db 3 AGCGGTGTGTGTGCGCGC 20

RESULT 139
US-10-177-554-47/c
; Sequence 47, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 47
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-47

Query Match          0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 120 CGCCATGCGATCGGATGAA 137
Db 19 CGCCATGCGCTCGGATGAA 2

RESULT 140
US-10-177-554-183
; Sequence 183, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 183
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-183

Query Match          0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 120 CGCCATGCGATCGGATGAA 137
Db 2 CGCCATGCGCTCGGATGAA 19

RESULT 141
US-10-098-263B-40306/c
; Sequence 40306, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 40306
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-263B-40306

Query Match          0.9%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 977 GAGACCTCAAGCCCGAGA 994
Db 18 GAGACCTCTAGCCCGAGA 1
```

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RESULT 142
US-09-828-034-31/c
; Sequence 31, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-31

Query Match          0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGTGGCGCAGTG 250
Db 21 GTGGTGGTGGTGGTGGTGGTG 1

RESULT 143
US-09-726-774-65
; Sequence 65, Application US/09726774
; Patent No. US20020082226A1
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: Composition
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-09-726-774-65

Query Match          0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1439 ATGCCATGAACATCCATTCT 1459
Db 1 ATGTCATGCAACATCCACTCT 21

RESULT 144
US-10-156-995-213/c
; Sequence 213, Application US/10156995
; Publication No. US20030211486A1
; GENERAL INFORMATION:
; APPLICANT: DNA Print Genomics, Inc.
; APPLICANT: FRUDAKIS, Tony N.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING POLYMORPHISMS ASSOCIATED
```


; TITLE OF INVENTION: PIGMENTATION
; FILE REFERENCE: DN1140-7
; CURRENT APPLICATION NUMBER: US/10/156,995
; CURRENT FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: US 60/346,303
; PRIOR FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: US 60/334,674
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: US 60/344,418
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 60/323,662
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US 60/310,781
; PRIOR FILING DATE: 2001-08-07
; PRIOR APPLICATION NUMBER: US 60/300,187
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/293,560
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 224
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 213
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-156-995-213

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 863 TGAAGCAGTACTGGTGACT 893
Db 21 TGAAGCAGTACTGGTGACT 1

RESULT 145
US-10-184-085A-272/c
; Sequence 272, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 272
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-272

Query Match 0.9%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 221 TGGATGAGAGTGGTGGTG 241
Db 21 TGGATGAGAGTGGGAGAGTG 1

RESULT 146
US-10-181-846-35
; Sequence 35, Application US/10181846
; Publication No. US20030083297A1

; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-35

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 229 AGTGGTGGTGGCGGCA 247
Db 2 ATTGGAGGTGGTGGCGGCA 20

RESULT 147
US-10-066-965A-31/c
; Sequence 31, Application US/10066965A
; Publication No. US20030143626A1
; GENERAL INFORMATION:
; APPLICANT: COLAS, PIERRE
; APPLICANT: BRENT, ROGER
; APPLICANT: COHEN, BARAK A.
; TITLE OF INVENTION: TARGETED MODIFICATION OF INTRACELLULAR COMPOUNDS
; FILE REFERENCE: EGYPT 3.0-015
; CURRENT APPLICATION NUMBER: US/10/066,965A
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-066-965A-31

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 232 GGTGGTGGTGGCGGCACTG 250
Db 19 GGTGGTGGTGGCGGCACTG 1

RESULT 148
US-10-211-859-35
; Sequence 35, Application US/10211859
; Publication No. US20040022765A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAN GTPASE ACTIVATING PROTEIN 1 EXPRESSION
; FILE REFERENCE: HTS-0013
; CURRENT APPLICATION NUMBER: US/10/211,859
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 78

; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-211-859-35

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. NO. 1.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 733 GCACCTGCACCGCATCC 751
Db 1 GCATCCGTCATGCATCC 19

RESULT 149

US-10-212-993-17/c
; Sequence 17, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF REQULEM EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/212,993
; CURRENT FILING DATE: 2002-08-05
; NUMBER OF SEQ ID NOS: 132
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-212-993-17

Query Match 0.9%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. NO. 1.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 233 GTGGTGTGGCGGCGAGTCA 251
Db 20 GTGATGATGGCGGCGAGTCA 2

RESULT 150

US-10-418-182-98
; Sequence 98, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 2003-04-16
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide

US-10-418-182-98

Query Match 0.9%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. NO. 2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 232 GGTGGTGTGGCGGCGAGTGTG 250
Db 1 GGTGGTGTGGCGGCGAGTGTG 19

RESULT 151

US-10-114-270-392/c
; Sequence 392, Application US/10114270
; Publication No. US20040030110A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Liu, Zhaozhong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liete, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 392
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer

US-10-114-270-392

Query Match	0.9%;	Score 15.8;	DB 1;	Length 22;
Best local Similarity	89.5%;	Pred. No. 2.2e+02;		
Matches	17;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0;

QY	846	GTACCTGGACAAGGACCTG	864	
Db	20	GTACCTGGAGAATACCTG	2	

RESULT 152

US-09-864-636A-1777

; Sequence 1777, Application US/09864636A

; Publication No. US20030104378A1

; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Allwai, Hatim

; APPLICANT: Bartholomay, Christian

; APPLICANT: Chehak, LuAnne

; TITLE OF INVENTION: Detection of RNA Sequences

; FILE REFERENCE: FORS-04944

; CURRENT APPLICATION NUMBER: US/09/864,636A

; CURRENT FILING DATE: 2002-10-15

; NUMBER OF SEQ ID NOS: 2640

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1777

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-09-864-636A-1777

Query Match	0.9%;	Score 15.8;	DB 1;	Length 23;
Best local Similarity	89.5%;	Pred. No. 2.3e+02;		
Matches	17;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0;

QY	710	TCAGACTGGAAACATGAAGA	728	
Db	3	TCATCTGGAAACATGTAGA	21	

RESULT 153

US-09-864-426A-1777

; Sequence 1777, Application US/09864426A

; Publication No. US20040038489A1

; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies

; APPLICANT: Ma, Wu Po

; APPLICANT: Lyamichev, Victor

; APPLICANT: Saiser, Michael

; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences

; FILE REFERENCE: FORS-04946

; CURRENT APPLICATION NUMBER: US/09/864,426A

; CURRENT FILING DATE: 2001-05-24

; NUMBER OF SEQ ID NOS: 2640

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1777

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-09-864-426A-1777

Query Match	0.9%;	Score 15.8;	DB 1;	Length 23;
Best local Similarity	89.5%;	Pred. No. 2.3e+02;		
Matches	17;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0;

QY	710	TCAGACTGGAAACATGAAGA	728	
Db	3	TCATCTGGAAACATGTAGA	21	

;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-007-574-5

Query Match 0.9%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 2.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 47 GACGAGCAGTGTGACTGTGAA 68
||| ||||| |||||
Db 1 GACAAGGAGTGTGACCACTGAA 22

RESULT 156
US-09-940-185-3122
; Sequence 3122, Application US/09940185
; Publication No. US20030096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chee, Mark
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3122
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-3122

Query Match 0.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 542 TCTTGCACAGCCCTCAGCG 563
||| ||||| |||||
Db 3 TCTTGCACAGCCCTCAGCG 24

RESULT 157
US-10-092-947A-20/c
; Sequence 20, Application US/10092947A
; Publication No. US20030134353A1
; GENERAL INFORMATION:
; APPLICANT: WOLFF, Anne M
; APPLICANT: APPEL, Karen F
; APPLICANT: PETERSEN, Jesper F
; APPLICANT: POULSEN, Ulla
; APPLICANT: ARNAU, Jose
; APPLICANT: JACOBSEN, Mette D
; TITLE OF INVENTION: MOCOR RECOMBINANT GENE EXPRESSION
; FILE REFERENCE: WOLFF=3
; CURRENT APPLICATION NUMBER: US/10/092,947A
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: US 60/274,650
; PRIOR FILING DATE: 2001-03-12
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer

;; FEATURE:
;; NAME/KEY: misc feature
;; LOCATION: (7)..(7)
;; OTHER INFORMATION: n is a, c, g or t
;; FEATURE:
;; NAME/KEY: misc feature
;; LOCATION: (13)..(13)
;; OTHER INFORMATION: n is a, c, g or t
;; FEATURE:
;; NAME/KEY: misc feature
;; LOCATION: (19)..(19)
;; OTHER INFORMATION: n is a, c, g or t
US-10-092-947A-20

Query Match 0.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 52.2%; Pred. No. 2.7e+02;
Matches 12; Conservative 7; Mismatches 4; Indels 0; Gaps 0;

Qy 974 ACGAGACCTCAAGCCCCAGAAC 996
||: ||||| ||||| |||||
Db 23 AYMNGAYTNAARCCNGARAAY 1

RESULT 158
US-09-827-998-544
; Sequence 544, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMPF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 544
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-544

Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCACGG 303
||||| ||||| |||||
Db 1 AACTTCGTTCTGCACGG 17

RESULT 159
US-10-675-685-544
; Sequence 544, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 544

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-544

Query Match          0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACCTGTTCTGCACGG 303
Db 1 AACCTGTTCTGCAAGG 17

RESULT 160
US-09-927-046-1499
; Sequence 1499, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1499
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1499

Query Match          0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.8e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1573 TCAGGCAGGCCAGCTTT 1589
Db 1 UCAGGCAGGCCAGCUUU 17

RESULT 161
US-10-163-272-20/c
; Sequence 20, Application US/10163272
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSIO
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-163-272-20

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAGCTGA 526
Db 1 CTACCTGGAGAGCTGA 526

Db 18 CTACCTGGAGAGCTGA 2

RESULT 162
US-10-163-272-97
; Sequence 97, Application US/10163272
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSI
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-163-272-97

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAGCTGA 526
Db 3 CTACCTGGAGAGCTGA 19

RESULT 163
US-10-428-275-418/c
; Sequence 418, Application US/10428275
; Publication No. US20040067505A1
; GENERAL INFORMATION:
; APPLICANT: Alvarez et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHC
; FILE REFERENCE: 21402-585
; CURRENT APPLICATION NUMBER: US/10/428,275
; CURRENT FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 09/966545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 09/569269
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/619252
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/789390
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/185548
; PRIOR FILING DATE: 2000-02-25
; NUMBER OF SEQ ID NOS: 450
; SOFTWARE: CuraSeqlist version 0.1
; SEQ ID NO 418
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-428-275-418

Query Match          0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 AAGCAGTACCTGGATGA 881
Db 20 AAGCAGTACCTGGATGA 4
```

```
RESULT 164
US-10-189-940-59/c
; Sequence 59, Application US/10189940
; Publication No. US20030129613A1
; GENERAL INFORMATION:
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Shimkets, Richard
; APPLICANT: Anderson, David
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Casman, Stacie
; APPLICANT: Rastelli, Luca
; TITLE OF INVENTION: No. US20030129613A1 Human Proteins and Polynucleotides Encoding
; FILE REFERENCE: 15966-546 CIP
; CURRENT APPLICATION NUMBER: US/10/189,940
; CURRENT FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/303,241
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/369,065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 60/378,730
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: 03/965,212
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 03/966,545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 03/966,546
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 03/544,511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128,514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/186,592
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: CuraSequist version 0.1
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-189-940-59

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 AAGCAGTACCTGGATGA 881
| | | | |
Db 20 AAGCAGACCTGGATGA 4

RESULT 165
US-10-024-369-64/c
; Sequence 64, Application US/10024369
; Publication No. US20030134809A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC TRANSPORTER MHC 1 EXPRESSION
; FILE REFERENCE: PTS-0353
; CURRENT APPLICATION NUMBER: US/10/024,369
; CURRENT FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 64
; LENGTH: 20

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 AAGCAGTACCTGGATGA 881
| | | | |
Db 20 AAGCAGACCTGGATGA 4

RESULT 166
US-10-189-940-59/c
; Sequence 59, Application US/10189940
; Publication No. US20030129613A1
; GENERAL INFORMATION:
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Shimkets, Richard
; APPLICANT: Anderson, David
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Casman, Stacie
; APPLICANT: Rastelli, Luca
; TITLE OF INVENTION: No. US20030129613A1 Human Proteins and Polynucleotides Encoding
; FILE REFERENCE: 15966-546 CIP
; CURRENT APPLICATION NUMBER: US/10/189,940
; CURRENT FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: 60/303,241
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/369,065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 60/378,730
; PRIOR FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: 03/965,212
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 03/966,545
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 03/966,546
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 03/544,511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/128,514
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/186,592
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: CuraSequist version 0.1
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-189-940-59

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 865 AAGCAGTACCTGGATGA 881
| | | | |
Db 20 AAGCAGACCTGGATGA 4

RESULT 167
US-10-174-319-20/c
; Sequence 20, Application US/10174319
; Publication No. US20030232771A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
; FILE REFERENCE: PTS-0018
; CURRENT APPLICATION NUMBER: US/10/174,319
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-319-20

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GTCCTCACCCTTGCT 841
| | | | |
Db 4 GTCCTCACCCTTGCT 20

RESULT 168
US-10-109-349A-229
; Sequence 229, Application US/10109349A
; Publication No. US20030186246A1
; GENERAL INFORMATION:
; APPLICANT: Medical College of Ohio
; APPLICANT: Willey, James C.
; APPLICANT: Crawford, Erin L.
; TITLE OF INVENTION: MULTIPLEX STANDARDIZED REVERSE TRANSCRIPTASE-POLYMERASE CHAIN REACTION
; FILE REFERENCE: 01154/2001-203
; CURRENT APPLICATION NUMBER: US/10/109,349A
; CURRENT FILING DATE: 2002-06-12
; NUMBER OF SEQ ID NOS: 282
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 229
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-109-349A-229

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GTCCTCACCCTTGCT 841
| | | | |
Db 4 GTCCTCACCCTTGCT 20

RESULT 169
US-10-174-319-20/c
; Sequence 20, Application US/10174319
; Publication No. US20030232771A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
; FILE REFERENCE: PTS-0018
; CURRENT APPLICATION NUMBER: US/10/174,319
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-319-20

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 971 TACACGAGACCTCAAG 987
| | | | |
Db 17 TACATGAGACCTCAAG 1
```

RESULT 168
US-10-174-319-90
; Sequence 90, Application US/10174319
; Publication No. US20030232771A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
; FILE REFERENCE: PTS-0018
; CURRENT APPLICATION NUMBER: US/10/174,319
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-319-90

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 971 TACACCGAGCCTCAAG 987
|||||
Db 4 TACATCGAGACCTCAAG 20

RESULT 169
US-10-177-554-23/c
; Sequence 23, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-23

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 857 AGGACCTGAAGCAGTAC 873
|||||
Db 19 AGGACCTGAAGAGTAC 3

RESULT 170
US-10-177-554-165
; Sequence 165, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 165

; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-165

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 857 AGGACCTGAAGCAGTAC 873
|||||
Db 2 AGGACCTGAAGAGTAC 18

RESULT 171
US-10-210-589-27/c
; Sequence 27, Application US/10210589
; Publication No. US20040023381A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas W. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP2R1A EXPRESSION
; FILE REFERENCE: PTS-0041
; CURRENT APPLICATION NUMBER: US/10/210,589
; CURRENT FILING DATE: 2002-07-30
; NUMBER OF SEQ ID NOS: 122
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-589-27

Query Match 0.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 2.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 513 CCTGGAGAAGCTGACCC 529
|||||
Db 18 CCTAGAGAAGCTGACCC 2

RESULT 172
US-09-065-040-6/c
; Sequence 6, Application US/09065040
; Patent No. US20020099196A1
; GENERAL INFORMATION:
; APPLICANT: Hiraoka, Atsunobu
; APPLICANT: Sugimura, Atsushi
; APPLICANT: MiO, Hiroyuki
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT &
; ADDRESSEE: DUNNER, LLP
; STREET: 1300 I Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/065,040
; FILING DATE: 27-APR-1998
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: JP 262252/1996
; FILING DATE: 27-AUG-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 087242/1997
; FILING DATE: 24-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02349
; FILING DATE: 07-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Fordis, Jean B.
; REGISTRATION NUMBER: 32,984
; REFERENCE/DOCKET NUMBER: 04853.0026-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-09-065-040-6

Query Match          0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 614 CCTACATTAACTGGAC 630
Db 19 CCTGCATTAACTGGAC 3

RESULT 173
US-10-002-309B-13
; Sequence 13, Application US/10002309B
; Publication No. US20020160433A1
; GENERAL INFORMATION:
; APPLICANT: WISCONSIN ALUMNI RESEARCH FOUNDATION
; TITLE OF INVENTION: E. COLI O157:H7 CL ESTERASE INHIBITOR-BINDING PROTEIN AND METHODS
; FILE REFERENCE: 096429-9117
; CURRENT APPLICATION NUMBER: US/10/002.309B
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/243,675
; PRIOR FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Synthetic Oligonucleotide
US-10-002-309B-13

Query Match          0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1220 CGGTGGAGGACAGCTA 1236
Db 1 CGGTGGAGGACAGGCTA 17

RESULT 174
US-09-791-406-54/c
; Sequence 54, Application US/09791406
; Patent No. US20020147165A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
```

```
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/791,406
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-791-406-54

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 540 CATCTTTGACAGCCCTCA 559
Db 20 CATCTTTGACAGCTTCCTCA 1

RESULT 175
US-09-945-952A-9/c
; Sequence 9, Application US/09945952A
; Patent No. US20020177137A1
; GENERAL INFORMATION:
; APPLICANT: Hodge, Timothy A.
; TITLE OF INVENTION: System for Automated Transgenic Screening
; FILE REFERENCE: 023131.41500
; CURRENT APPLICATION NUMBER: US/09/945,952A
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/230,371
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus sp.
US-09-945-952A-9

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1593 CGTGTGACACCCAGTTCT 1612
Db 20 CGTGTGACACCCGTGTAT 1

RESULT 176
US-09-945-952A-40/c
; Sequence 40, Application US/09945952A
; Patent No. US20020177137A1
; GENERAL INFORMATION:
; APPLICANT: Hodge, Timothy A.
; TITLE OF INVENTION: System for Automated Transgenic Screening
; FILE REFERENCE: 023131.41500
; CURRENT APPLICATION NUMBER: US/09/945,952A
; CURRENT FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: 60/230,371
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus sp.
US-09-945-952A-40

Query Match          0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```


QY 1593 CGTGGTGGACCGAGTCTT 1612
Db 20 CGTGGTGGACCGAGTCTTAT 1

RESULT 177

US-09-961-077-1259/c
; Sequence 1259, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.

; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS

NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077

FILING DATE: 21-Sep-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1259:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 1259:

US-09-961-077-1259

Query Match 0.9%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 2.5e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTTACGCCAGCTCTCGGAT 396

Db 20 CATCAGCCAGCGCATCGGAT 1

RESULT 178

US-09-760-285-40

; Sequence 40, Application US/09760285

; Publication No. US20030091997A1

; GENERAL INFORMATION:

; APPLICANT: Nicolaides, Nicholas C

; APPLICANT: Grasso, Luigi

; APPLICANT: Sasse, Philip M

; TITLE OF INVENTION: CHEMICAL INHIBITORS OF MISMATCH REPAIR

; FILE REFERENCE: MOR-0017

; CURRENT APPLICATION NUMBER: US/09/760,285

; CURRENT FILING DATE: 2001-01-15

; NUMBER OF SEQ ID NOS: 44

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 40

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide

; OTHER INFORMATION: primer

US-09-760-285-40

Query Match 0.9%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 2.5e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1723 CATGTTCACTGCCCACTTG 1742

Db 1 CATGTTCACTGCCCACTGCG 20

RESULT 179

US-09-918-026A-48

; Sequence 48, Application US/09918026A

; Publication No. US20030096772A1

; GENERAL INFORMATION:

; APPLICANT: Rosanne M. Crooke

; APPLICANT: Mark J. Graham

; APPLICANT: Kristina M. Lemonidis

; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2

; FILE REFERENCE: ISPH-0588

; CURRENT APPLICATION NUMBER: US/09/918,026A

; CURRENT FILING DATE: 2001-07-30

; NUMBER OF SEQ ID NOS: 65

; SEQ ID NO 48

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-918-026A-48

Query Match 0.9%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 2.5e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 GTGGCCTGGCCTACTGCCAC 957

Db 1 GCGGCTGGCCCAACAGCCAC 20

RESULT 180

US-10-035-485A-60/c

; Sequence 60, Application US/10035485A

; Publication No. US20030105044A1

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowbert

; TITLE OF INVENTION: ANTISENSE MODULATION OF MATRIX METALLOPROTEINASE 1 EXPRESSION

; FILE REFERENCE: RTS-0139

; CURRENT APPLICATION NUMBER: US/10/035,485A
; CURRENT FILING DATE: 2001-10-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-035-485A-60

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 962 AGAGGTGCTACACCGAGAC 981
DB 20 AGAATGTGCTACACGGATAC 1

RESULT 181
US-10-233-942-9/c
; Sequence 9, Application US/10233942
; Publication No. US20030165922A1
; GENERAL INFORMATION:
; APPLICANT: Hodge, Timothy et al
; TITLE OF INVENTION: System for Automated Transgenic Screening
; FILE REFERENCE: 023131.41500
; CURRENT APPLICATION NUMBER: US/10/233,942
; CURRENT FILING DATE: 2002-09-03
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus sp.
US-10-233-942-9

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1593 CGTGGTGACACCGAGTTCT 1612
DB 20 CGTGGTGACACCGTGTTAT 1

RESULT 182
US-10-233-942-40/c
; Sequence 40, Application US/10233942
; Publication No. US20030165922A1
; GENERAL INFORMATION:
; APPLICANT: Hodge, Timothy et al
; TITLE OF INVENTION: System for Automated Transgenic Screening
; FILE REFERENCE: 023131.41500
; CURRENT APPLICATION NUMBER: US/10/233,942
; CURRENT FILING DATE: 2002-09-03
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus sp.
US-10-233-942-40

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1593 CGTGGTGACACCGAGTTCT 1612
DB 20 CGTGGTGACACCGTGTTAT 1

RESULT 183
US-10-238-442-29/c
; Sequence 29, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; CURRENT FILING DATE: 2002-09-09
; PRIOR FILING DATE: 2000-08-15
; PRIOR FILING DATE: 2000-08-15
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-238-442-29

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAGGACCTCAAACAC 783
DB 20 TGCTCAGGACCTGAAGCAC 1

RESULT 184
US-10-380-931-172
; Sequence 172, Application US/10380931
; Publication No. US20030215944A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RSP-0187
; CURRENT APPLICATION NUMBER: US/10/380,931
; CURRENT FILING DATE: 2003-03-18
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 172
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-931-172

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 ACTGCCACCGCGAGAGGTG 969
DB 1 AATGCCACCGCGAGATGTG 20

```
RESULT 185
US-10-159-856-69
; Sequence 69, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-69

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1566 GCCTGACTCAGGAGCCGAG 1585
Db 1 GCCAAACTCAGCCAGGCCAG 20

RESULT 186
US-10-159-856-123/c
; Sequence 123, Application US/10159856
; Publication No. US20030228689A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-856-123

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1566 GCCTGACTCAGGAGCCGAG 1585
Db 1 GCCAAACTCAGCCAGGCCAG 20

RESULT 187
US-10-174-771-50
; Sequence 50, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-50

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1566 GCCTGACTCAGGAGCCGAG 1585
Db 20 GCCAAACTCAGCCAGGCCAG 1

RESULT 188
US-10-174-771-120/c
; Sequence 120, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-771-120

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 585 ATCTGAGATTGGCTTTGGGA 604
Db 1 ATCTGGGATTGGCTCTGGAA 20

RESULT 189
US-10-188-779A-50/c
; Sequence 50, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-50

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1086 GGTGGTGACACTGTGTGACC 1105
Db 20 GGTGTGTACACTCTGTGTACC 1

RESULT 190
US-10-188-779A-200
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-50

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 585 ATCTGAGATTGGCTTTGGGA 604
Db 1 ATCTGGGATTGGCTCTGGAA 20

RESULT 188
US-10-174-771-120/c
; Sequence 120, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-771-120

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 585 ATCTGAGATTGGCTTTGGGA 604
Db 20 ATCTGGGATTGGCTCTGGAA 1

RESULT 189
US-10-188-779A-50/c
; Sequence 50, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-50

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1086 GGTGGTGACACTGTGTGACC 1105
Db 20 GGTGTGTACACTCTGTGTACC 1

RESULT 190
US-10-188-779A-200
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; Sequence 200, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-188-779A-200

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1086 GCCTGTCACACTGGGTACC 1105
Db 1 GGTTGTACACTCTGGGTACC 20

RESULT 191
US-10-177-896-26
; Sequence 26, Application US/10177896
; Publication No. US20040005705A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
; FILE REFERENCE: PTS-0045
; CURRENT APPLICATION NUMBER: US/10/177,896
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-26

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 GCACCGCCATCCGGGAAGTG 759
Db 1 GCACCGCCCTCTGGGAAGTG 20

RESULT 192
US-10-177-896-60/c
; Sequence 60, Application US/10177896
; Publication No. US20040005705A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
; FILE REFERENCE: PTS-0045
; CURRENT APPLICATION NUMBER: US/10/177,896
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-896-60

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 740 GCACCGCCATCCGGGAAGTG 759
Db 1 GCACCGCCCTCTGGGAAGTG 20

RESULT 193
US-10-189-266-25/c
; Sequence 25, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-25

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 710 TCAGACTGGAACTGAAGAG 729
Db 20 TCAGACTAGAAGAGTGAAGAG 1

RESULT 194
US-10-189-266-52/c
; Sequence 52, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-52

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1031 CTGACTTTGGCTGGCCGA 1050
Db 20 CTGATTTGGCTTGCACAGA 1

RESULT 195
US-10-189-266-99
; Sequence 99, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-99

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 710 TCAGACTGGAACATGAAGAG 729
Db 1 TCAGACTAGAAAGTGAAGAG 20

RESULT 196
US-10-189-266-119
; Sequence 119, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCE: RTS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-119

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1031 CTGACTTGGCTGGCCGCA 1050
Db 1 CTGATTTGGCCTTGCCAGA 20

RESULT 197
US-10-199-58/c
; Sequence 58, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-58

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 976 CGAGACCTCAAGCCCCAGAA 995
Db 20 CGAGACCTCAACTCCACAA 1

RESULT 198
US-09-174-186-4
; Sequence 4, Application US/09174186
; Patent No. US20010006664A1
; GENERAL INFORMATION:
; APPLICANT: Emley, Burt
; TITLE OF INVENTION: Recombinant Hair Treatment Compositions
; FILE REFERENCE: 2001605-0002 (Keratin)
; CURRENT APPLICATION NUMBER: US/09/174,186
; CURRENT FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: primer for PCR
US-09-174-186-4

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1469 CTGGGGGAGCGGATCCCAA 1487
Db 1 CTGGGGGAGCGGATCCTCCA 20

RESULT 199
US-09-828-034-11/c
; Sequence 11, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-11

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGGCACT 249
Db 20 GTGGTGGTGGTGGTGGTGT 1

RESULT 200
US-09-828-034-30/c
; Sequence 30, Application US/09828034
```

```
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXERS
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-30

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 231 TGGTGGTGGTGGCGGCGAGTG 250
Db 21 TGGTGGTGGTGGTGGTGGTG 2

RESULT 201
US-09-943-388-21
; Sequence 21, Application US/09943388
; Patent No. US20020160953A1
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; APPLICANT: Webster, Philippa J.
; APPLICANT: Thayer, Edward C.
; TITLE OF INVENTION: Mammalian Glycoprotein Hormone-1
; FILE REFERENCE: 00-34
; CURRENT APPLICATION NUMBER: US/09/943,388
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/839,706
; PRIOR APPLICATION NUMBER: 2000-04-25
; PRIOR APPLICATION NUMBER: US 60/199,498
; PRIOR APPLICATION NUMBER: 2000-04-25
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-943-388-21

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 163 ACATCCGAGTGGCGCGAGG 182
Db 2 ACATCCGAGTGGCGAGTGG 21

RESULT 202
US-09-835-371-1/c
; Sequence 1, Application US/09835371
; Publication No. US20020187473A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: BREIPOHL, Gerhard
; APPLICANT: WILK, David W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
; PROCESSES FOR PREPARING THEM
```

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; FILE REFERENCE: 02481.1743 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,371
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: base sequence
; OTHER INFORMATION: of PNA targeting viral or cellular targets
US-09-835-371-1

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAAGAAGAAGAGCAACG 2

RESULT 203
US-09-996-263-18/c
; Sequence 18, Application US/09996263
; Publication No. US20030004325A1
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; APPLICANT: Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/996,263
; FILING DATE: 28-Nov-01 US20030004325A1-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-996-263-18

Query Match          0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAACG 149
```

```
Db 21 CGCAAGAGAGAGCAACG 2
||| ||||| |||||
RESULT 204
US-09-996-263-19/c
; Sequence 19, Application US/09996263
; Publication No. US20030004325A1
; GENERAL INFORMATION:
; APPLICANT: Phillip Dan Cook
; Andrew Kawasaki
; TITLE OF INVENTION: Sugar Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/996.263
; FILING DATE: 28-No. US20030004325A1-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/471,973
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-996-263-19
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGAGTCAACG 149
||| ||||| |||||
Db 21 CGCAAGAGAGAGCAACG 2
||| ||||| |||||
RESULT 205
US-09-754-066-13
; Sequence 13, Application US/09754066
; Publication No. US20030013669A1
; GENERAL INFORMATION:
; APPLICANT: BURCOGLU, ARSINUR
; TITLE OF INVENTION: METHOD OF TREATING HIV INFECTIONS THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA

Db 21 CGCAAGAGAGAGCAACG 2
||| ||||| |||||
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGAGTCAACG 149
||| ||||| |||||
Db 21 CGCAAGAGAGAGCAACG 2
||| ||||| |||||
RESULT 206
US-09-835-370-1/c
; Sequence 1, Application US/09835370
; Publication No. US20030022172A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-1
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGAGTCAACG 149
```

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; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,066
; FILING DATE: 05-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/848,013
; FILING DATE: 2001-05-07
; APPLICATION NUMBER: 07/830,886
; FILING DATE: 04-FEB-1992
; APPLICATION NUMBER: 07/748,277
; FILING DATE: 21-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 02939.04541
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-754-066-13
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 ACTGCCACCGCGCAGGAGTG 969
||| ||||| |||||
Db 1 AGTCAACCGCGCAGGAGTG 20
||| ||||| |||||
RESULT 206
US-09-835-370-1/c
; Sequence 1, Application US/09835370
; Publication No. US20030022172A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-1
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGAGTCAACG 149
```

Db 21 CGCAGAGAGAGAGCAACG 2
|| | ||||| |||||

RESULT 207

US-09-902-953-3/c
; Sequence 3, Application US/09902953
; Publication No. US20030096770A1
; GENERAL INFORMATION:
; APPLICANT: Krotz, Achim
; APPLICANT: Mehta, Rahul
; TITLE OF INVENTION: Enhancement Of The Stability Of Oligonucleotides Comprising
; TITLE OF INVENTION: Phosphorothioate Linkages By Addition Of Water Soluble Antioxidants
; FILE REFERENCE: ISIS-4797
; CURRENT APPLICATION NUMBER: US/09/902,953
; CURRENT FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-902-953-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
|| | ||||| |||||

Db 21 CGCAGAGAGAGAGCAACG 2

RESULT 208

US-09-727-030C-27
; Sequence 27, Application US/09727030C
; Publication No. US20040058317A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Patrick N.
; APPLICANT: Dillon, Patrick J.
; APPLICANT: Wu, David J.
; APPLICANT: Foster, Charles B.
; APPLICANT: Chanock, Stephen J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHIC DISCRIMINATION BY ELECTRONIC DOT
; TITLE OF INVENTION: SLOT ASSAY ON SEMICONDUCTOR MICROCHIPS
; FILE REFERENCE: 259/163-US
; CURRENT APPLICATION NUMBER: US/09/727,030C
; CURRENT FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/126,865
; PRIOR FILING DATE: 1999-03-30
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Lymphotoxin probe
US-09-727-030C-27

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1688 TCTTCCCTGCTACTCTCTG 1707
|| | ||||| |||||

Db 2 TCTGCCATGCTTCTCTCTG 21

RESULT 209

US-10-181-200-3/c
; Sequence 3, Application US/10181200
; Publication No. US20030212267A1
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasalinga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/181,200
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: phosphorothioate 21-mer
US-10-181-200-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149
|| | ||||| |||||

Db 21 CGCAGAGAGAGAGCAACG 2

RESULT 210

US-10-181-200-7/c
; Sequence 7, Application US/10181200
; Publication No. US20030212267A1
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasalinga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/181,200
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-methoxyethyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(15)
; OTHER INFORMATION: 2'-methoxyethyl
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(21)

OTHER INFORMATION: phosphorothioate 21-mer
US-10-181-200-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAGAAGAGCAAAACG 2

RESULT 211

US-10-071-822A-3/c
; Sequence 3, Application US/10071822A
; Publication No. US20030027780A1
; GENERAL INFORMATION:
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Gonzales-Ferreiro, Maria
; APPLICANT: Mehta, Rahul C.
; APPLICANT: Teng, Ching-Leou
; TITLE OF INVENTION: Multiparticulate Formulation
; FILE REFERENCE: ISIS4947
; CURRENT APPLICATION NUMBER: US/10/071,822A
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/256,515
; PRIOR FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-071-822A-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAGAAGAGCAAAACG 2

RESULT 212

US-10-071-822A-6/c
; Sequence 6, Application US/10071822A
; Publication No. US20030027780A1
; GENERAL INFORMATION:
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Gonzales-Ferreiro, Maria
; APPLICANT: Mehta, Rahul C.
; APPLICANT: Teng, Ching-Leou
; TITLE OF INVENTION: Multiparticulate Formulation
; FILE REFERENCE: ISIS4947
; CURRENT APPLICATION NUMBER: US/10/071,822A
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: US/09/256,515
; PRIOR FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-071-822A-6

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAGAAGAGCAAAACG 2

RESULT 213

US-10-029-598-48/c
; Sequence 48, Application US/10029598
; Publication No. US20030040497A1
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. US20030040497A1-Parental Deliv
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

NAME/KEY: misc feature
LOCATION: (1)..(21)
OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-48

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAGAAGAGCAAAACG 2

RESULT 214

US-10-029-598-56/c
; Sequence 56, Application US/10029598
; Publication No. US20030040497A1
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. US20030040497A1-Parental Deliv
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 21

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Antisense Sequence
; LOCATION: (1)..(7)
; OTHER INFORMATION: 2'-O-methoxyethyl
; NAME/KEY: misc feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc feature
; LOCATION: (8)..(8)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc feature
; LOCATION: (10)..(10)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc feature
; LOCATION: (13)..(13)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc feature
; LOCATION: (16)..(16)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc feature
; LOCATION: (20)..(20)
; OTHER INFORMATION: 5'-methyl
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-56
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```
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 130 CGGATGAAGAGATCAACG 149
Db 21 CGCAAGAAGAGAGCAACG 2
```

```
RESULT 215
US-10-262-318-1/c
; Sequence 1, Application US/10262318
; Publication No. US20030144198A1
; GENERAL INFORMATION:
; APPLICANT: Copharos
; TITLE OF INVENTION: ADMINISTRATION OF TRANSPORT PROTEINS WITH CONJUGATED COBALAMIN
; FILE REFERENCE: COP1012
; CURRENT APPLICATION NUMBER: US/10/262,318
; CURRENT FILING DATE: 2002-09-30
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Vitravene (fomivirsen)
US-10-262-318-1
```

```
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 130 CGGATGAAGAGATCAACG 149
Db 21 CGCAAGAAGAGAGCAACG 2
```

```
RESULT 216
US-10-262-318-14/c
; Sequence 14, Application US/10262318
```

```
; Publication No. US20030144198A1
; GENERAL INFORMATION:
; APPLICANT: Copharos
; TITLE OF INVENTION: ADMINISTRATION OF TRANSPORT PROTEINS WITH CONJUGATED COBALAMIN
; FILE REFERENCE: COP1012
; CURRENT APPLICATION NUMBER: US/10/262,318
; CURRENT FILING DATE: 2002-09-30
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide- ISIS 13312
; NAME/KEY: modified_base
; LOCATION: (1)..(5)
; OTHER INFORMATION: 2'-O(CH2)2OCH3 sugar modifications
; NAME/KEY: modified_base
; LOCATION: (15)..(20)
; OTHER INFORMATION: 2'-O(CH2)2OCH3 sugar modifications
; NAME/KEY: modified_base
; LOCATION: (2)..(2)
; OTHER INFORMATION: 5-methyl substituted
; NAME/KEY: modified_base
; LOCATION: (8)..(8)
; OTHER INFORMATION: 5-methyl substituted
; NAME/KEY: modified_base
; LOCATION: (10)..(10)
; OTHER INFORMATION: 5-methyl substituted
; NAME/KEY: modified_base
; LOCATION: (13)..(13)
; OTHER INFORMATION: 5-methyl substituted
; NAME/KEY: modified_base
; LOCATION: (16)..(16)
; OTHER INFORMATION: 5-methyl substituted
; NAME/KEY: modified_base
; LOCATION: (20)..(20)
; OTHER INFORMATION: 5-methyl substituted
US-10-262-318-14
```

```
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 130 CGGATGAAGAGATCAACG 149
Db 21 CGCAAGAAGAGAGCAACG 2
```

```
RESULT 217
US-10-290-587-3/c
; Sequence 3, Application US/10290587
; Publication No. US20030149260A1
; GENERAL INFORMATION:
; APPLICANT: Cheruvallath, Zacharia S.
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Cole, Douglas L.
; TITLE OF INVENTION: Process For The Synthesis Of Oligomeric Compounds
; FILE REFERENCE: ISIS-5108
; CURRENT APPLICATION NUMBER: US/10/290,587
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: 10/016,465
```

; PRIOR FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 09/349,659
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-290-587-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGACAAACG 2

RESULT 218

US-10-140-013-9/c
; Sequence 9, Application US/10140013
; Publication No. US20030181406A1
; GENERAL INFORMATION:
; APPLICANT: Christian Schetter
; APPLICANT: Jorg Vollmer
; TITLE OF INVENTION: CpG-LIKE NUCLEIC ACIDS AND METHODS OF
; FILE REFERENCE: CO1041/70019 (AWS)
; CURRENT APPLICATION NUMBER: US/10/140,013
; CURRENT FILING DATE: 2002-05-06
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: PCT/US01/48281
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-140-013-9

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGACAAACG 2

RESULT 219

US-10-140-013-13/c
; Sequence 13, Application US/10140013
; Publication No. US20030181406A1
; GENERAL INFORMATION:
; APPLICANT: Christian Schetter
; APPLICANT: Jorg Vollmer
; TITLE OF INVENTION: CpG-LIKE NUCLEIC ACIDS AND METHODS OF
; FILE REFERENCE: CO1041/70019 (AWS)
; CURRENT APPLICATION NUMBER: US/10/140,013
; CURRENT FILING DATE: 2002-05-06
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: PCT/US01/48281
; PRIOR FILING DATE: 2001-12-10

; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: modified base
; LOCATION: (2)...(2)
; OTHER INFORMATION: m5C
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (8)...(8)
; OTHER INFORMATION: m5C
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (10)...(10)
; OTHER INFORMATION: m5C
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (13)...(13)
; OTHER INFORMATION: m5C
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (16)...(16)
; OTHER INFORMATION: m5C
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (20)...(20)
; OTHER INFORMATION: m5C
US-10-140-013-13

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGACAAACG 2

RESULT 220

US-10-352-586-18/c
; Sequence 18, Application US/10352586
; Publication No. US20030187240A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: 2'-Modified oligonucleotides
; FILE REFERENCE: ISI5137
; CURRENT APPLICATION NUMBER: US/10/352,586
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: 09/389,283
; PRIOR FILING DATE: 1999-09-02
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-352-586-18

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGACAAACG 2

RESULT 221

US-10-318-628-3/c
; Sequence 3, Application US/10318628
; Publication No. US20030191304A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAGAGCAAAACG 2

RESULT 222

US-10-318-628-12/c
; Sequence 12, Application US/10318628
; Publication No. US20030191304A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-12

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAGAGCAAAACG 2

RESULT 223

US-10-318-628-41/c

; Sequence 41, Application US/10318628
; Publication No. US20030191304A1

US-10-318-628-26/c
; Sequence 26, Application US/10318628
; Publication No. US20030191304A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-26

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAGAGCAAAACG 2

RESULT 224

US-10-318-628-34/c
; Sequence 34, Application US/10318628
; Publication No. US20030191304A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-34

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAGAGCAAAACG 2

RESULT 225

US-10-318-628-41/c
; Sequence 41, Application US/10318628
; Publication No. US20030191304A1

/ GENERAL INFORMATION:
/ APPLICANT: Manoharan, Muthiah
/ APPLICANT: Ravikumar, Vasulinga T.
/ APPLICANT: Sanghvi, Yogesh
/ TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
/ FILE REFERENCE: IS154855
/ CURRENT APPLICATION NUMBER: US/10/318,628
/ CURRENT FILING DATE: 2002-12-12
/ PRIOR APPLICATION NUMBER: 09/177,953
/ PRIOR FILING DATE: 1998-10-23
/ PRIOR APPLICATION NUMBER: 60/087,757
/ PRIOR FILING DATE: 1998-06-02
/ NUMBER OF SEQ ID NOS: 47
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 41
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-318-628-41

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGACCAACG 2

RESULT 226
US-10-418-182-110
/ Sequence 110, Application US/10418182
/ Publication No. US20030228302A1
/ GENERAL INFORMATION:
/ APPLICANT: Crea, Roberto
/ TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
/ FILE REFERENCE: 1551.2001-001
/ CURRENT APPLICATION NUMBER: US/10/418,182
/ CURRENT FILING DATE: 2003-04-16
/ PRIOR APPLICATION NUMBER: 60/373,558
/ PRIOR FILING DATE: 2002-04-17
/ NUMBER OF SEQ ID NOS: 423
/ SOFTWARE: Fast-Seq for Windows Version 4.0
/ SEQ ID NO 110
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide
US-10-418-182-110

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 231 TGGTGGTGGTGGCGGCGAGTG 250
||||| ||||| ||||| |||||
Db 1 TGGTGGTGGTGGTGGTGGTG 20

RESULT 227
US-10-444-445-3/c
/ Sequence 3, Application US/1044445
/ Publication No. US20030229220A1
/ GENERAL INFORMATION:
/ APPLICANT: Capaldi, Daniel C
/ APPLICANT: Ravikumar, Vasulinga T
/ APPLICANT: Cole, Douglas L
/ TITLE OF INVENTION: Processes For The Synthesis Of Oligomers Using Phosphoramidite
/ FILE REFERENCE: IS15196

/ CURRENT APPLICATION NUMBER: US/10/444,445
/ CURRENT FILING DATE: 2003-05-23
/ PRIOR APPLICATION NUMBER: 09/306,278
/ PRIOR FILING DATE: 1999-05-06
/ NUMBER OF SEQ ID NOS: 5
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 3
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic construct
US-10-444-445-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAACG 149
||| ||||| ||||| |||||
Db 21 CGCAAGAAGAAGACCAACG 2

RESULT 228
US-09-755-665-68/c
/ Sequence 68, Application US/09755665
/ Patent No. US20020107186A1
/ GENERAL INFORMATION:
/ APPLICANT: Prayaga, Sudhirdas K.
/ APPLICANT: Majumder, Kumud
/ APPLICANT: Tailon, Bruce E.
/ APPLICANT: Spaderna, Steven K.
/ APPLICANT: Spytek, Kimberly A.
/ APPLICANT: Macdougall, John
/ TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 15966-631
/ CURRENT APPLICATION NUMBER: US/09/755,665
/ CURRENT FILING DATE: 2001-08-14
/ PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
/ PRIOR FILING DATE: 2000-01-06
/ NUMBER OF SEQ ID NOS: 118
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 68
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-755-665-68

Query Match 0.9%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1426 ATCTCCGAGAGGATGCCAT 1445
||||| ||||| ||||| |||||
Db 22 ATCTTCAGAGAGGATGCCAT 3

RESULT 229
US-10-267-502-436
/ Sequence 436, Application US/10267502
/ Publication No. US20040071700A1
/ GENERAL INFORMATION:
/ APPLICANT: Kim, Jaeseob
/ APPLICANT: Galant, Ron
/ TITLE OF INVENTION: Obesity Linked Genes
/ FILE REFERENCE: LSD-07416
/ CURRENT APPLICATION NUMBER: US/10/267,502
/ CURRENT FILING DATE: 2003-01-27
/ NUMBER OF SEQ ID NOS: 439
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 436

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-267-502-436

Query Match

Best Local Similarity 0.9%; Score 15.2; DB 1; Length 22;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY

1522 GAGATTCAGCTACAAAGGA 1541

Db

1 GAGATGCATCTACAAAGGA 20

RESULT 230

US-10-271-638-9

; Sequence 9, Application US/10271638

; Publication NO. US20040073955A1

; GENERAL INFORMATION:

; APPLICANT: Chung, Jongkyeong

; TITLE OF INVENTION: Transgenic Animal Model for Neuronal Function

; FILE REFERENCE: LSD-07444

; CURRENT APPLICATION NUMBER: US/10/271,638

; CURRENT FILING DATE: 2002-10-15

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 9

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-271-638-9

Query Match

Best Local Similarity 0.9%; Score 15.2; DB 1; Length 22;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY

1522 GAGATTCAGCTACAAAGGA 1541

Db

1 GAGATGCATCTACAAAGGA 20

RESULT 231

US-10-263-929-210

; Sequence 210, Application US/10263929

; Publication NO. US20040067535A1

; GENERAL INFORMATION:

; APPLICANT: Kim, Jaeseob

; APPLICANT: Galant, Ron

; TITLE OF INVENTION: Alzheimer's Disease Linked Genes

; FILE REFERENCE: LSD-07417

; CURRENT APPLICATION NUMBER: US/10/263,929

; CURRENT FILING DATE: 2002-10-03

; NUMBER OF SEQ ID NOS: 213

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 210

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic

US-10-263-929-210

Query Match

Best Local Similarity 0.9%; Score 15.2; DB 1; Length 22;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY

1522 GAGATTCAGCTACAAAGGA 1541

Db

1 GAGATGCATCTACAAAGGA 20

RESULT 232

US-10-080-979-19/c

; Sequence 19, Application US/10080979

; Publication NO. US20030191075A1

; GENERAL INFORMATION:

; APPLICANT: Cook, Philip Dan

; APPLICANT: Manoharan, Muthiah

; APPLICANT: Bennett, Frank C.

; TITLE OF INVENTION: Oligonucleotide Conjugates For Hepatic Delivery

; FILE REFERENCE: Isis-5028

; CURRENT APPLICATION NUMBER: US/10/080,979

; CURRENT FILING DATE: 2002-02-22

; NUMBER OF SEQ ID NOS: 78

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 19

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide

; NAME/KEY: misc feature

; LOCATION: (1)..(1)

; OTHER INFORMATION: 2'-O-modified phosphoramidite

US-10-080-979-19

Query Match

Best Local Similarity 0.9%; Score 15.2; DB 1; Length 22;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY

130 CGGATGAAGAGATCAACG 149

Db

22 CGCAGAGAGAGACGACG 3

RESULT 233

US-10-093-463-313/c

; Sequence 313, Application US/10093463

; Publication NO. US20030208039A1

; GENERAL INFORMATION:

; APPLICANT: Padigaru, Muralidhara

; APPLICANT: Shenoy, Suresh

; APPLICANT: Kekuda, Ramesh

; APPLICANT: Gusev, Vladimir

; APPLICANT: Pochart, Pascal

; APPLICANT: Zhong, Mei

; APPLICANT: Rastelli, Luca

; APPLICANT: Mezes, Peter

; APPLICANT: Smithson, Glennnda

; APPLICANT: Guo, Xiaojia

; APPLICANT: Gerlach, Valerie

; APPLICANT: Casman, Stacie

; APPLICANT: Boldog, Ferenc

; APPLICANT: Li, Li

; APPLICANT: Zerhusen, Bryan

; APPLICANT: Tchernev, Velizar

; APPLICANT: Gangolli, Esha

; APPLICANT: Vernet, Corine

; APPLICANT: Pena, Carol

; APPLICANT: Burgess, Catherine

; APPLICANT: Liu, Xiaohong

; APPLICANT: Spytek, Kimberly

; APPLICANT: Gorman, Linda

; APPLICANT: Spaderna, Steven

; APPLICANT: Voss, Edward

; APPLICANT: Malyankar, Uriel

; APPLICANT: Anderson, David

; APPLICANT: Patturajan, Meera

; APPLICANT: Miller, Charles

; APPLICANT: Taupier, Raymond J. Jr.

; TITLE OF INVENTION: No. US20030208039A1 Antibodies that Bind to Antigenic Polypep

; TITLE OF INVENTION: Encoding The Antigens, and Methods of Use.

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; FILE REFERENCE: 21402-290A (Cura 590AT)
; CURRENT APPLICATION NUMBER: US/10/093,463
; PRIOR FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: 60/283,675
; PRIOR FILING DATE: 2001-04-14
; PRIOR APPLICATION NUMBER: 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/274,101
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/287,424
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: 60/299,027
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: 60/309,198
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/281,194
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 60/274,194
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/274,849
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/330,380
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/275,235
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: 60/288,342
; PRIOR FILING DATE: 2001-05-03
; PRIOR APPLICATION NUMBER: 60/275,578
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 370
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 313
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-093-463-313

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Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 22;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1531 CTACAAAGGAGGCGCCT 1550
Db 22 CTACAAAGGAGGAGCAGCT 3

```

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RESULT 234
US-10-291-230-3
; Sequence 3, Application US/10291230
; Publication No. US20030108939A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; PRIOR FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742

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; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion 1;
US-10-291-230-3

```

```

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 364 GAGAGTGACGAGGCTTCAGC 383
Db 4 GACAGTCACCAAGCTTCAGC 23

```

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RESULT 235
US-10-291-249-3
; Sequence 3, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.B
; CURRENT APPLICATION NUMBER: US/10/291,249
; PRIOR FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion 1;
US-10-291-249-3

```

```

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 23;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 364 GAGAGTGACGAGGCTTCAGC 383
Db 4 GACAGTCACCAAGCTTCAGC 23

```

```

RESULT 236
US-10-361-848-3/C
; Sequence 3, Application US/10361848
; Publication No. US20030221207A1
; GENERAL INFORMATION:
; APPLICANT: McMahon, Ellen
; APPLICANT: Qin, Wenning
; APPLICANT: Goellner, Joseph

```

APPLICANT: Rudolph, Amy
TITLE OF INVENTION: CARDIAC-SPECIFIC 11BETA HYDROXYSTEROID
FILE REFERENCE: DEHYDROGENASE TYPE 2 TRANSGENIC MICE
CURRENT APPLICATION NUMBER: US/10/361,848
CURRENT FILING DATE: 2003-02-11
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Mus musculus
US-10-361-848-3

Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCACTGACCCCTG 256
Db 22 TGGTGGCGGCACTGCGCCCTG 3

RESULT 237

US-10-017-621-4
Sequence 4, Application US/10017621
Publication No. US20030138952A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freier
APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 1 EXPRESSION
FILE REFERENCE: RTS-0350
CURRENT APPLICATION NUMBER: US/10/017,621
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 4
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR Primer
US-10-017-621-4

Query Match 0.9%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 AGGTTGCTCGCGCGC 109
Db 1 AGGTTGCTCGCGCGC 15

RESULT 238

US-09-848-754A-1374/c
Sequence 1374, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
FILE REFERENCE: MBH00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1374
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-1374

Query Match 0.9%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1366 CTTGATAGCGACGGG 1380
Db 15 CTTGATAGCGACGGG 1

RESULT 239

US-09-848-754A-2427/c
Sequence 2427, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
FILE REFERENCE: MBH00-958-I (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2427
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-2427

Query Match 0.9%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1366 CTTGATAGCGACGGG 1380
Db 17 CTTGATAGCGACGGG 3

RESULT 240

US-09-906-158-44
Sequence 44, Application US/09906158
Publication No. US20030078217A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
FILE REFERENCE: RTS-0257
CURRENT APPLICATION NUMBER: US/09/906,158
CURRENT FILING DATE: 2001-07-14
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 44
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-44

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACA 463
Db 2 TCTCCACTGAGGACA 16

RESULT 241

US-09-906-158-45
Sequence 45, Application US/09906158
Publication No. US20030078217A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
FILE REFERENCE: RTS-0257

; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-45

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACA 463
DB 6 TCTCCACTGAGGACA 20

RESULT 242
US-10-388-263-493
; Sequence 493, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 493
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-493

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACA 463
DB 2 TCTCCACTGAGGACA 16

RESULT 243
US-10-388-263-494
; Sequence 494, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.

; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 494
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-494

Query Match 0.9%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACA 463
DB 6 TCTCCACTGAGGACA 20

RESULT 244
US-09-761-962-43/c
; Sequence 43, Application US/09761962
; Patent No. US20020077285A1
; GENERAL INFORMATION:
; APPLICANT: Memorial Sloan-Kettering Cancer Center
; TITLE OF INVENTION: Identification and Characterization of Multiple Splice
; TITLE OF INVENTION: Variants of Mu-
; FILE REFERENCE: opiod Receptor (MOR-1) Gene
; FILE REFERENCE: 830002-2000.1
; CURRENT APPLICATION NUMBER: US/09/761,962
; CURRENT FILING DATE: 2001-01-17
; PRIOR FILING DATE: 09/743,872
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-761-962-43

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1715 GCCTGAGCCATGTTACCTGCC 1737
DB 23 GCCTGAGCCATGTTACCTGCC 1

RESULT 245
US-10-095-248A-21
; Sequence 21, Application US/10095248A
; Publication No. US20040058321A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Galas, David J.
; APPLICANT: Kovacevich, Brian
; APPLICANT: Mulligan, John T.
; APPLICANT: Paepker, Bryan W.
; APPLICANT: Van Ness, Jeffrey
; APPLICANT: Winkler, David G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR

; PRIORITY FILING DATE: 2000-11-08
 ; PRIOR APPLICATION NUMBER: US 60/164,052
 ; PRIOR FILING DATE: 1999-11-08

; CURRENT APPLICATION NUMBER: 2002-04-
 ; CURRENT FILING DATE: 2002-04-

;; PRIOR FILING DATE: 2001-10-23
;; PRIOR APPLICATION NUMBER: 60/139,890
;; PRIOR FILING DATE: 1999-06-22
;; PRIOR APPLICATION NUMBER: 60/175,959
;; PRIOR FILING DATE: 2000-01-13
;; PRIOR APPLICATION NUMBER: 09/599,594
;; PRIOR FILING DATE: 2000-06-22
;; PRIOR APPLICATION NUMBER: 09/748,146
;; PRIOR FILING DATE: 2000-12-27
;; NUMBER OF SEQ ID NOS: 139
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 3
;; LENGTH: 23
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer
US-10-026-952-3

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 945 GCGCTACTGCGCCGCGGAGG 967
Db 1 GGTCTACAGCCACCATGAGAGG 23

RESULT 250

US-10-384-893-21
;; Sequence 21, Application US/10384893
;; Publication No. US20030166247A1
;; GENERAL INFORMATION:
;; APPLICANT: Brunkow, Mary E.
;; APPLICANT: Galas, David J.
;; APPLICANT: Kovacevich, Brian
;; APPLICANT: Mulligan, John T.
;; APPLICANT: Paepker, Bryan W.
;; APPLICANT: Van Ness, Jeffrey
;; APPLICANT: Winkler, David G.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING
;; FILE REFERENCE: 240083.508DS
;; CURRENT APPLICATION NUMBER: US/10/384,893
;; CURRENT FILING DATE: 2003-03-06
;; NUMBER OF SEQ ID NOS: 45
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 21
;; LENGTH: 23
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer for PCR
US-10-384-893-21

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 506 AGGCTACTGCGGAGAGCTGACC 528
Db 1 AGGCCAACCGCGAGAGATGACC 23

RESULT 251

US-10-396-964-39/c
;; Sequence 39, Application US/10396964
;; Publication No. US20030198946A1
;; GENERAL INFORMATION:
;; APPLICANT: Simmonds, Peter
;; APPLICANT: Chan, Shiu-Wan
;; APPLICANT: Yap, Peng L.
;; TITLE OF INVENTION: Hepatitis-C Virus Testing

;; NUMBER OF SEQUENCES: 53
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
;; STREET: 1211 East Morehead Street
;; CITY: Charlotte
;; STATE: No. US20030198946A1th Carolina
;; COUNTRY: United States
;; ZIP: 28234
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0. Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/396,964
;; FILING DATE: 23-MARCH-2003
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/244,116B
;; FILING DATE: 15-JUL-1994
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/GB92/02143
;; FILING DATE: 20-NOV-1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sibley, Kenneth D.
;; REGISTRATION NUMBER: 31,665
;; REFERENCE/DOCKET NUMBER: 1749-125
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 704-377-1561
;; TELEFAX: 704-334-2014
;; INFORMATION FOR SEQ ID NO: 39:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 23 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
;; DESCRIPTION: /desc = "synthetic DNA
;; DESCRIPTION: oligonucleotide"
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; ORIGINAL SOURCE:
;; ORGANISM: Hepatitis-C virus
US-10-396-964-39

Query Match 0.9%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 292 CGTTCTGACGGGCGCCACTCAG 314
Db 23 CATTCTGACGGGCGCCACTCTG 1

RESULT 252

US-10-463-190-21
;; Sequence 21, Application US/10463190
;; Publication No. US20040009535A1
;; GENERAL INFORMATION:
;; APPLICANT: Brunkow, Mary E.
;; APPLICANT: Galas, David J.
;; APPLICANT: Kovacevich, Brian
;; APPLICANT: Mulligan, John T.
;; APPLICANT: Paepker, Bryan W.
;; APPLICANT: Van Ness, Jeffrey
;; APPLICANT: Winkler, David G.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
;; FILE REFERENCE: 240083.508C2
;; CURRENT APPLICATION NUMBER: US/10/463,190
;; CURRENT FILING DATE: 2003-06-16
;; NUMBER OF SEQ ID NOS: 143

US-10-349-143-11527

1679 1680 1681 1682 1683 1684 1685 1686

AACTACATAATCCCTG 18

;
; TITLE OF INVENTION: HUMAN OBESITY LIPIN3 POLYNUCLEOTIDE AND
; TITLE OF INVENTION: POLYPEPTIDE SEQUENCES AND METHODS OF USE THEREOF

Matches	16;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
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18 GAGTGCTCAGGCTGGCTG 1

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-27

Matches	16;	Conservative	0;	Mismatches	2;	Indels	0;	Gaps	0;
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QY 922 CTGTTCCAGCTGCTCGT 939
DB 2 CTGTTCCAGCTGCTCAT 19

RESULT 257
US-09-865-993-23/c
; Sequence 23, Application US/09865993
; Publication No. US20030060437A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 5 EXPRESSION
; FILE REFERENCE: RTS-0175
; CURRENT APPLICATION NUMBER: US/09/865,993
; CURRENT FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-993-23

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 953 GCCACCGGCAGAGGTGC 970
DB 19 GCCACTGGCAGAGGTGC 2

RESULT 258
US-09-898-556A-22/c
; Sequence 22, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A
; CURRENT FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-22

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 673 AGCAAGTCTCAGACCAAC 690
DB 18 AGCAAGTCTCAGACCAAC 1

RESULT 259
US-09-978-244A-85
; Sequence 85, Application US/09978244A
; Publication No. US20030103992A1
; GENERAL INFORMATION:
; APPLICANT: Lu, Peter S
; APPLICANT: Garman, Jonathan D.
; APPLICANT: Candia III, Albert P.
; APPLICANT: Arbor Vita Corporation

; TITLE OF INVENTION: CLASP MEMBRANE PROTEINS
; FILE REFERENCE: 020554-000161US
; CURRENT APPLICATION NUMBER: US/09/978,244A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: US 60/310,028
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 09/737,246
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 09/736,969
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 09/736,960
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 09/736,968
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: US 60/240,545
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,508
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,503
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,539
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: US 60/240,543
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer mC5S8
US-09-978-244A-85

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 889 AACATCATCAACATGCAC 906
DB 3 AACATCATCAACAGGAC 20

RESULT 260
US-10-380-020-13
; Sequence 13, Application US/10380020
; Publication No. US20040052762A1
; GENERAL INFORMATION:
; APPLICANT: Yu, Hua
; APPLICANT: Pardoll, Drew
; APPLICANT: Jove, Richard
; APPLICANT: Dalton, William
; TITLE OF INVENTION: Stat3 Agonists and Antagonists and Therapeutic Uses Thereof
; FILE REFERENCE: 10873-009-999
; CURRENT APPLICATION NUMBER: US/10/380,020
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: 60/231,212
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence used to inhibit translation of
; OTHER INFORMATION: endogenous Stat3 mRNA
US-10-380-020-13

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTCGT 939
Db 2 CTGTTCCAGCTGCTGCAT 19

RESULT 261

US-09-754-106-72/c
; Sequence 72, Application US/09754106
; Publication No. US20030224355A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisha
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/754,106
; FILING DATE: 08/27/1996

CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

FILING DATE:
; APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219

; Sequence 37, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-37

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 365 AGAGTGACCAAGCTTCAG 382
Db 20 AGAGTGACCAAGCTTCG 3

RESULT 263

US-10-160-787-106
; Sequence 106, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-106

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 365 AGAGTGACCAAGCTTCAG 382
Db 1 AGAGTGACCAAGCTTCG 18

RESULT 264

US-10-287-971-301
; Sequence 301, Application US/10287971
; Publication No. US20040067882A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook, et al

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METH
; FILE REFERENCE: 21402-480A
; CURRENT APPLICATION NUMBER: US/10/287,971
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 09/997,425
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 10/035,568
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/338,626
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/401,479
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 60/333,072
; PRIOR FILING DATE: 2001-11-06

Query Match 0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 CTTGTGGCACTCAAGGAG 708
Db 18 CTTGTGTCAACAAGGAG 1

RESULT 262

US-10-160-787-37/c

```
; PRIOR APPLICATION NUMBER: 60/348,283
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 60/393,262
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/406,181
; PRIOR FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 301
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-971-301

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1530 GCTACAAAGGAGGCCAG 1547
Db 1 GCTACAAAGGAGGCCAG 18

RESULT 265
US-10-006-366-80/c
; Sequence 80, Application US/10006366
; Publication No. US20030125273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSACTIVATOR EXPRESSION
; FILE REFERENCE: PTS-0332
; CURRENT APPLICATION NUMBER: US/10/006,366
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-80

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1567 CCTGACTCAGGAGGCCA 1584
Db 19 CCTGACTCAGGAGGCCA 2

RESULT 266
US-10-002-623-861/c
; Sequence 861, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE OF INVENTION: POPULATIONS
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 861
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-861

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1063 CCACAAAGACATCTCC 1080
Db 19 CCACAAAGCAGACTCC 2

RESULT 267
US-10-174-014-30
; Sequence 30, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-30

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 304 GGCCCACTCAGCTCTGCA 321
Db 1 GGCCCACTCAGCTCTGCA 18

RESULT 268
US-10-174-014-61/c
; Sequence 61, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-61

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 304 GGCCCACTCAGCTCTGCA 321
Db 20 GGCCCACTCAGCTCTGCA 3

RESULT 269
```

```
US-10-188-779A-47
; Sequence 47, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-47

Query Match          0.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 254 CTGGAGAGGCCCCACAC 271
||| ||||| ||||| |||
Db 3 CTAGAGAGGCGCCCTCAC 20

RESULT 270
US-10-028-056-9/c
; Sequence 9, Application US/10028056
; Publication No. US20020152483A1
; GENERAL INFORMATION:
; APPLICANT: BEUE, KAREN
; APPLICANT: PIERFY, MIKLOS
; TITLE OF INVENTION: A NOVEL GENE ASSOCIATED WITH REGULATION OF ADIPOSYTY AND INSULIN
; FILE REFERENCE: 407T-898010US
; CURRENT APPLICATION NUMBER: US/10/028,056
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: US 60/257,772
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-028-056-9

Query Match          0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1449 ACATCCATTCTCTCCAG 1466
||| ||||| |||||
Db 20 ACATTCATTCTGCCCTCAG 3

RESULT 271
US-10-205-713A-8/c
; Sequence 8, Application US/10205713A
; Publication No. US20030109534A1
; GENERAL INFORMATION:
; APPLICANT: Horuk, Richard
; TITLE OF INVENTION: CCR1 Receptor Antagonists for the Tre
; TITLE OF INVENTION: Renal Fibrosis
; FILE REFERENCE: 52177AUSM1
; CURRENT APPLICATION NUMBER: US/10/205,713A
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: US 60/310,538

US-10-188-779A-8
; PRIOR FILING DATE: 2001-08-07
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-205-713A-8

Query Match          0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 854 ACAAGACCTGAAGCAGT 871
||| ||||| ||||| |||
Db 21 ACAAGACCTGAAGCAGT 4

RESULT 272
US-10-325-881-35
; Sequence 35, Application US/10325881
; Publication No. US20030119047A1
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
; FILE REFERENCE: 1422-388P
; CURRENT APPLICATION NUMBER: US/10/325,881
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US/09/377,497
; PRIOR FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: any n or Xaa = unknown
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-325-881-35

Query Match          0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1311 GACATACAACTACCCCAA 1328
||| ||||| ||||| |||
Db 2 GAACACAACTACCCCAA 19

RESULT 273
US-10-321-188-11
; Sequence 11, Application US/10321188
; Publication No. US20030180760A1
; GENERAL INFORMATION:
; APPLICANT: Basch, Jonathan D.
; APPLICANT: Chiang, Shu-Jen D.
; APPLICANT: Liu, Suo-Win
; APPLICANT: Nayeem, Akbar
; APPLICANT: Sun, Yuhua
; APPLICANT: You, Li
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR HYDROXYLATING EPOTHLONES
; FILE REFERENCE: D0231NP
; CURRENT APPLICATION NUMBER: US/10/321,188
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: US 60/344,271
; PRIOR FILING DATE: 2001-12-26
; NUMBER OF SEQ ID NOS: 76
```


; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-188-11

Query Match 0.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1218 CACGGTGGAGGACGCT 1235
| ||||| ||||| |||||
Db 4 CCGGGTGGAGGAACTGCT 21

RESULT 274
US-10-418-251-6
; Sequence 6, Application US/10418251
; Publication No. US20040073957A1
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANACKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/10/418,251
; PRIOR FILING DATE: 2003-04-18
; PRIOR FILING DATE: 1998-03-02
; PRIOR FILING DATE: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-6

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 356 CTGATGGGAGAGTGACC 373
| ||||| ||||| |||||
Db 3 CTGATGGTGAAGTGAAAC 20

RESULT 275
US-10-114-270-272
; Sequence 272, Application US/10114270
; Publication No. US20040030110A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Liu, Ziaohong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.

; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liete, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 272
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-114-270-272

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGGACATCA 466
| ||||| ||||| |||||
Db 4 TCTCCACTGAGAACACCA 21

RESULT 276
US-10-427-224-19
; Sequence 19, Application US/10427224
; Publication No. US20040033607A1
; GENERAL INFORMATION:
; APPLICANT: Van No. US20040033607A1ker, Steven R.
; APPLICANT: Zhang, Hua
; TITLE OF INVENTION: Plant Vernalization Independence (VIP) Genes, Proteins, and
; TITLE OF INVENTION: Methods of Use
; FILE REFERENCE: MSU-08107
; CURRENT APPLICATION NUMBER: US/10/427,224
; CURRENT FILING DATE: 2003-05-01
; PRIOR APPLICATION NUMBER: 60/376,765

; PRIOR FILING DATE: 2002-05-01
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-427-224-19

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 666 AGGCAAAAGCAAGCTCAC 683
Db 1 AGGCAAAAGCAAGCTCAC 18

RESULT 277

US-10-231-913-246/c
; Sequence 246, Application US/10231913
; Publication No. US20040005576A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia S.
; APPLICANT: Li, Li
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Edinger, Schlomit
; APPLICANT: Stone, David J.
; APPLICANT: Ellerman, Karen
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Boldog, Ference L.
; APPLICANT: Colman, Steven D.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Zernusen, Bryan D.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-216
; CURRENT APPLICATION NUMBER: US/10/231,913
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 60/251,660
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: 60/255,029
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/260,326
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/263,800
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/269,942
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/286,183
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: 60/313,627
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 60/318,712
; PRIOR FILING DATE: 2001-09-12
; NUMBER OF SEQ ID NOS: 292
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 246
; LENGTH: 22
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: CHEMICALLY
; OTHER INFORMATION: SYNTHESIZED
US-10-231-913-246

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1230 ACAGCTACACTTCATCTT 1247
Db 18 ACAGCTGGCTTCATCTT 1

RESULT 278

US-10-085-198-315
; Sequence 315, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 315
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-315

Query Match 0.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1524 GATTGAGCTACAAAGGA 1541
Db 3 GAAACAGCTACAAAGGA 20

RESULT 279

US-09-964-261-30/c
; Sequence 30, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelles

; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGJ-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-30

Query Match 0.8%; Score 14.6; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 249 TGACCTGGAGAGGCC 265
DB 20 TGHCCCGGAGAGGCC 4

RESULT 280
US-08-983-605-282/c
; Sequence 282, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
; TITLE OF INVENTION: Said Markers
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 282
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-08-983-605-282

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1707 GCCTACCTGCTGAGCCATGT 1727
DB 21 GGCTACCTGCTGAGCAATGT 1

RESULT 281
US-09-964-261-31/c
; Sequence 31, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelies
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGJ-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11

; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-31

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 249 TGACCTGGAGAGGCC 265
DB 21 TGHCCCGGAGAGGCC 5

RESULT 282
US-09-932-300-37/c
; Sequence 37, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-302
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: effective ASO
US-09-932-300-37

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 225 TGAGAGTGGTGGTGGCGG 245
DB 21 TGAGAGGGGAAGTGGTGGGG 1

RESULT 283
US-10-050-888A-13/c
; Sequence 13, Application US/10050888A
; Publication No. US20040073376A1
; GENERAL INFORMATION:
; APPLICANT: Gesteland, Raymond F.
; APPLICANT: Atkins, John F.
; APPLICANT: Matveeva, Olga V.
; APPLICANT: Giddings, Michael C.
; TITLE OF INVENTION: Finding Active Antisense Oligonucleotides Using Artificial Neur
; FILE REFERENCE: T9479.B
; CURRENT APPLICATION NUMBER: US/10/050,888A
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/262,993
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 21


```

: GENERAL INFORMATION:
: APPLICANT: Garner, Harold R.
: APPLICANT: Minna, John D.
: APPLICANT: Luebke, Kevin, J.
: APPLICANT: Balog, Robert P.
: TITLE OF INVENTION: Identification of Chemically Modified Polymers

```

; PRIOR FILING DATE: 1999-10-20
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/296,850
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
 ;

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; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7806
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-4126 for SEQ 3872,
US-10-349-143-7806

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 429 CAACATCCCCCAGCAGAT 449
Db 21 CAACATCCCCCAGCAGAT 1

RESULT 293
US-10-349-143-10136
; Sequence 10136, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10104 for SEQ 2271, in complem
US-10-349-143-10136

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1060 ATCCCAACAAGACATATCC 1080
Db 1 ATCCCTACAGAGATAATCC 21

RESULT 294
US-10-085-198-461
; Sequence 461, Application US/10085198
; Publication No. US2004000907A1
; GENERAL INFORMATION:
; APPLICANT: Alsebrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
```

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; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 461
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-461

Query Match          0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 331 GTGCACGAGGAGCTTGAAGATG 351
Db 1 GTGCACGAGGAGCAGGAGATG 21

RESULT 295
US-09-969-373-3987/c
; Sequence 3987, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Eifertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3987
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-3987

Query Match          0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1146 TCAGATTCACATGCGGTGT 1166
Db 22 TCTGATTGACTAGTGTGTGT 2
```

US-09-964-261-32/c
; Sequence 32, Application US/09964261
; Publication No. US20020197613A1
; GENERAL INFORMATION:
; APPLICANT: De Canck, Ilse
; APPLICANT: Rombout, Annelles
; APPLICANT: Rousseau, Rudi
; TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HLA CLASS I ALLELES
; FILE REFERENCE: IGJ-002
; CURRENT APPLICATION NUMBER: US/09/964,261
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: EP 99870068.6
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/138,614
; PRIOR FILING DATE: 1999-06-11
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-964-261-32

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 249 TGACCTGGAGAGGCC 265
DB 22 TGCCCGGAGAGGCC 6

RESULT 297
US-09-864-636A-2106
; Sequence 2106, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2106
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2106

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 395 ATGAGTGCAGTCTCCAGTGA 415
DB 2 ACGAGGCGCAGTCTCTCTGTGA 22

RESULT 298
US-09-997-594-14
; Sequence 14, Application US/09997425
; Publication No. US20030165851A1
; GENERAL INFORMATION:
; APPLICANT: Edinger et al.

US-09-997-594-14
; TITLE OF INVENTION: No. US20030165851A1el Polypeptides and Nucleic Acids Encoding Sa
; FILE REFERENCE: 21402-175CIP1
; CURRENT APPLICATION NUMBER: US/09/997,425
; CURRENT FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 60/242,485
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/263,339
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: 60/264,850
; PRIOR FILING DATE: 2001-01-29
; PRIOR APPLICATION NUMBER: 10/035,568
; PRIOR FILING DATE: 2001-10-22
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
; OTHER INFORMATION: Primer
US-09-997-425-14

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 886 GGGAAATCATCAATGCAC 906
DB 2 GCGAAATCATCAATCAAC 22

RESULT 299
US-09-997-594-18
; Sequence 18, Application US/09997594
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; APPLICANT: Stone, David J
; TITLE OF INVENTION: ENDOPEPTIN-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; CURRENT FILING DATE: 2002-10-28
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: Sequence
US-09-997-594-18

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 886 GGGAAATCATCAATGCAC 906
DB 2 GCGAAATCATCAATCAAC 22

RESULT 300
US-09-997-594-33
; Sequence 33, Application US/09997594

```
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; TITLE OF INVENTION: ENDOPEPTIN-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; PRIOR FILING DATE: 2002-10-28
; PRIOR FILING DATE: 2000-11-29
; PRIOR FILING DATE: 2001-01-25
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-997-594-33

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      886 GGGACATCATCAACATGCAC 906
Db      2   GGCATAATCATCAACATCAAC 22

RESULT 301
US-09-997-594-39
; Sequence 39, Application US/09997594
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; TITLE OF INVENTION: ENDOPEPTIN-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; PRIOR FILING DATE: 2002-10-28
; PRIOR FILING DATE: 2000-11-29
; PRIOR FILING DATE: 2001-01-25
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-997-594-39

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      886 GGGACATCATCAACATGCAC 906
Db      2   GGCATAATCATCAACATCAAC 22

RESULT 302
US-09-997-594-51
; Sequence 51, Application US/09997594
; Publication No. US20030195149A1
; GENERAL INFORMATION:
; APPLICANT: Gangolli, Esha A
; TITLE OF INVENTION: ENDOPEPTIN-LIKE PROTEINS, POLYNUCLEOTIDES ENCODING THEM
; FILE REFERENCE: 21402-213
; CURRENT APPLICATION NUMBER: US/09/997,594
; PRIOR FILING DATE: 2002-10-28
; PRIOR FILING DATE: 2000-11-29
; PRIOR FILING DATE: 2001-01-25
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-997-594-51

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      886 GGGACATCATCAACATGCAC 906
Db      2   GGCATAATCATCAACATCAAC 22

RESULT 303
US-09-864-426A-2106
; Sequence 2106, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Ma, Wu Po
; APPLICANT: Saisier, Michael
; APPLICANT: Lyamichev, Victor
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2106
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2106

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      395 ATGAGTGCAGTCTCCAGTGA 415
Db      2   ACGAGGCGCACTCTCTCTGTA 22

RESULT 304
US-10-114-270-237
; Sequence 237, Application US/10114270
```



```

; Publication No. US20040030110A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Liu, Ziaohong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zehrusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liette, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR FILING DATE: 2002-11-27
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 237
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-114-270-237

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      600 TGGGAACTGGGACCTACAT 620
      |||||
DB      2 TAGGAAATGGCGCTACAT 22

; Publication No. US20040030110A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Liu, Ziaohong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zehrusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liette, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR FILING DATE: 2002-11-27
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 237
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-114-270-237

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      600 TGGGAACTGGGACCTACAT 620
      |||||
DB      2 TAGGAAATGGCGCTACAT 22

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RESULT 305
US-10-005-956-1278
; Sequence 1278, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: P0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1278
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-1278

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1594 GTGGTGACACCGAGTCTTAA 1614
      |||||
DB      1 GTGGTGACCGAGTCTCTCA 21

RESULT 306
US-10-032-585-4011/c
; Sequence 4011, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4011
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4011

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      130 CGGATGAAGAGATCAACCG 150
      |||||
DB      2 CGAATCAAGATGATCAACAG 2

RESULT 307
US-10-084-839-2106
; Sequence 2106, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.

```

APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Teetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2106
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-2106

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 395 ATGAGTGCAGTCTCCAGTGA 415
| ||||| ||||| |||||
DB 2 ACGAGGCGCACTCTCCTGTA 22

RESULT 308
US-10-035-568-14
Sequence 14, Application US/10035568
Publication No. US20030207801A1
GENERAL INFORMATION:
APPLICANT: Gerlach et al.
TITLE OF INVENTION: No. US20030207801A1el Polypeptides and Nucleic Acids Encoding Sam
FILE REFERENCE: 21402-175
CURRENT APPLICATION NUMBER: US/10/035,568
CURRENT FILING DATE: 2002-05-02
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,485
PRIOR FILING DATE: 2000-01-22
PRIOR APPLICATION NUMBER: 60/263,339
PRIOR FILING DATE: 2000-01-22
PRIOR APPLICATION NUMBER: 60/264,850
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-035-568-14

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 886 GGGAAATCATCAACATGCAC 906
| ||||| ||||| |||||
DB 2 GGCAAAATCATCAACATCAAC 22

RESULT 309
US-10-115-482-143
Sequence 143, Application US/10115482
Publication No. US20030212257A1
GENERAL INFORMATION:
APPLICANT: Spvtek, et al.
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM
TITLE OF INVENTION: AND METHODS
TITLE OF INVENTION: OF USING THE SAME
FILE REFERENCE: 21404-322D
CURRENT APPLICATION NUMBER: US/10/115,482
CURRENT FILING DATE: 2002-04-05
PRIOR APPLICATION NUMBER: 60/281,086
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,136
PRIOR FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 60/281,863
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/281,906
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 60/282,934
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: 60/283,512
PRIOR FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/285,325
PRIOR FILING DATE: 2001-04-19
PRIOR APPLICATION NUMBER: 60/285,890
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 60/286,068
PRIOR FILING DATE: 2001-04-24
PRIOR APPLICATION NUMBER: 60/286,292
PRIOR FILING DATE: 2001-04-25
PRIOR APPLICATION NUMBER: 60/287,213
PRIOR FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER: 60/288,257
PRIOR FILING DATE: 2001-05-02
PRIOR APPLICATION NUMBER: 60/291,134
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 60/282,020
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: 60/291,725
PRIOR FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: 60/294,771
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: 60/296,965
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: 60/299,128
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 149
SEQ ID NO 143
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-115-482-143

Query Match 0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 600 TGGGAAATCGAGACCTACAT 620
| ||||| ||||| |||||
DB 2 TAGGAAATGACGCTTACAT 22

```
RESULT 310
US-10-444-575-35
; Sequence 35, Application US/10444575
; Publication No. US20030232374A1
; GENERAL INFORMATION:
; APPLICANT: University of Connecticut Health Center
; APPLICANT: Kuchel, George A
; APPLICANT: Zhu, Qing
; TITLE OF INVENTION: Compositions and Methods Relating to Detrusor Estrogen-Regulated
; FILE REFERENCE: UCT-0035
; CURRENT APPLICATION NUMBER: US/10/444,575
; PRIOR FILING DATE: 2003-05-22
; PRIOR APPLICATION NUMBER: US 60/382,830
; PRIOR FILING DATE: 2002-05-23
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-444-575-35

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 957 CCGGAGAGAGGCTGCTACACG 977
      |||||
Db 1 CAGGCAGAGAGGCTATACCG 21

RESULT 311
US-10-161-927-97/c
; Sequence 97, Application US/10161927
; Publication No. US20030235821A1
; GENERAL INFORMATION:
; APPLICANT: Zehrusen, Bryan D.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Miller, Charles E.
; APPLICANT: Hjal, Tord
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Baumgartner, Jason C.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Gorman, Linda
; APPLICANT: Anderson, David W.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Patturajan, Meera
; APPLICANT: Stone, David J.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
; FILE REFERENCE: 21402-377 D (Cura 677 Other)
; CURRENT APPLICATION NUMBER: US/10/161,927
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/295,661
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,575
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
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; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/298,528
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/325,685
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/299,133
; PRIOR FILING DATE: 2001-06-18
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 190
; SEQ ID NO 97
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-161-927-97

Query Match      0.8%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 155 TGTCAATGACACTCCGAGGTG 175
      |||||
Db 22 TGTCTATGACACTGCAAGGAG 2

RESULT 312
US-09-827-998-543
; Sequence 543, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-543

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCACG 302
      |||||
Db 2 AACTTCGTTCTGCAG 17

RESULT 313
US-09-827-998-545
; Sequence 545, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
```

```
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-545

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 288 ACTTCGTTCTGCACGG 303
DB 1 ACTTCGTTCTGCACGG 16

RESULT 314
US-09-263-959-900/c
; Sequence 900, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 900:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-900

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
DB 17 GTGGTGGTGGTGGTGG 2

RESULT 315
US-09-825-805-504
; Sequence 504, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 504
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-504

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCAGTGTGACTGC 64
DB 1 CCAGCUGUGGACUGC 16

RESULT 316
US-09-818-875-2930/c
; Sequence 2930, Application US/09818875
; Publication No. US200300051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2930
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2930

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
```

```
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1631 CCAGCAGCGCGGCT 1646
Db 17 CCAGCAGCGAGTGCGT 2
|||||
|||||

RESULT 317
US-09-818-975-2931
; Sequence 2931, Application US/09818975
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2931

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1631 CCAGCAGCGCGGCT 1646
Db 1 CCAGCAGCGAGTGCGT 16
|||||
|||||

RESULT 318
US-09-780-164-740/c
; Sequence 740, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-740

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 395 ATGAGGTGCAGTCTCC 410
||| | |
|||||
|||||
```

```
Db 17 ATCAGGTGCAGTCTCC 2

RESULT 319
US-10-675-685-543
; Sequence 543, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 543
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-543

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGCACG 302
|||||
|||||
Db 2 AACTTCGTTCTGCAG 17

RESULT 320
US-10-675-685-545
; Sequence 545, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 545
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-545

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 288 ACTTCGTTCTGCACGG 303
|||||
|||||
Db 1 ACTTCGTTCTGCAGG 16

RESULT 321
US-09-927-046-967
; Sequence 967, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 967
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-967

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 2.9e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      672 AAGCAAGCTCACAGAC 687
Db      1 AAGCAAGCUCACAAAC 16

RESULT 322
US-09-927-046-1610
; Sequence 1610, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1610
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1610

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      146 AACGCGAGCTGTCAAT 161
Db      2 AACGCGAGCUGUCAAU 17

RESULT 323
US-09-927-046-1931
; Sequence 1931, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
```

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; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1931
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1931

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2.9e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      604 AAACGGAGACCTACA 619
Db      1 AAACUUGAGACCUACA 16

RESULT 324
US-09-927-046-1995
; Sequence 1995, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1995
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1995

Query Match      0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      1573 TCAGCGAGCGCCAGCTT 1588
Db      2 UCAAGCAGCGCCAGCTU 17

RESULT 325
US-10-060-756A-63/c
; Sequence 63, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006657
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
```

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-63

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 40 GCAGGAGGACCAGCAG 55
|||||
DB 17 GCAGGAGGACAGCAG 2

RESULT 326
US-10-060-756A-64/c
; Sequence 64, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 64
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-64

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 40 GCAGGAGGACCAGCAG 55
|||||
DB 16 GCAGGAGGACAGCAG 1

RESULT 327
US-10-163-552-249
; Sequence 249, Application US/10163552

; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 249
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-249

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2.9e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCAGTGTGACTGC 64
|||||
DB 1 CCAGCUGUGACUGC 16

RESULT 328
US-10-156-306-5004/c
; Sequence 5004, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5004
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5004

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTCC 937
|||||
DB 16 CTGCTCCAGCTGCTCC 1

RESULT 329
US-10-238-700-301/c
; Sequence 301, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MBHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 301

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-301

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 361 GGGGAGAGTGACCAAG 376
DB 17 GGGGAGAGTGACCAATG 2

RESULT 330
US-10-260-638-183/c
; Sequence 183, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: NaPro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 183
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-260-638-183

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 GCCATCCGGGAAGTGT 760
DB 16 GCCATCCGGGAAGTGT 1

RESULT 331
US-10-260-638-184
; Sequence 184, Application US/10260638
; Publication No. US20030207327A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; TITLE OF INVENTION: COISOGENIC EUKARYOTIC CELL COLLECTIONS
; FILE REFERENCE: NaPro-12 US
; CURRENT APPLICATION NUMBER: US/10/260,638
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: 60/325,992
; PRIOR FILING DATE: 2001-09-27
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 184
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-260-638-184

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 GCCATCCGGGAAGTGT 760
DB 16 GCCATCCGGGAAGTGT 1

RESULT 332
US-10-209-787-2930/c
; Sequence 2930, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: Gampier, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2930
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2930

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGGCGGCT 1646
DB 17 CCAGCAGCGGCGGCT 2

RESULT 333
US-10-209-787-2931
; Sequence 2931, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: Gampier, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2931
```



```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2931

Query Match          0.8%  Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%  Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCGCGCT 1646
Db 1 CCAGCAGGCGCGCT 16

RESULT 334
US-10-261-185-2930/c
; Sequence 2930, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2930
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2930

Query Match          0.8%  Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%  Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCGCGCT 1646
Db 17 CCAGCAGGCGCGCT 2

RESULT 335
US-10-261-185-2931
; Sequence 2931, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2931
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2931

Query Match          0.8%  Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%  Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCGCGCT 1646
Db 1 CCAGCAGGCGCGCT 16

RESULT 336
US-09-263-959-921/c
; Sequence 921, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 921:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-921

Query Match          0.8%  Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%  Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTCGTGTGTGTGTGG 245
Db 17 GTCGTGTGTGTGTGG 2

RESULT 337
US-10-197-290-19/c
```

; Sequence 19, Application US/10197290
; Publication No. US20030083300A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
; FILE REFERENCE: RTSP-0421
; CURRENT APPLICATION NUMBER: US/10/197,290
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 09/857,299
; PRIOR FILING DATE: 2001-20-04
; PRIOR APPLICATION NUMBER: PCT/US99/22083
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-197-290-19

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 513 CCTGGAGAGCTGACC 528
Db 16 CCTGGAGAGTTGACC 1

RESULT 338

US-10-317-449-67/c
; Sequence 67, Application US/10317449
; Publication No. US20030124608A1
; GENERAL INFORMATION:
; APPLICANT: MORIYA, Shogo
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: SUZUKI, Osamu
; APPLICANT: URANO, Akihisa
; APPLICANT: ABE, Syuichi
; TITLE OF INVENTION: METHOD FOR DETERMINING CHUM SALMON HAPLOTYPE
; FILE REFERENCE: OP1406
; CURRENT APPLICATION NUMBER: US/10/317,449
; PRIOR FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: JP 2001-379926
; PRIOR FILING DATE: 2001-12-13
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-317-449-67

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 615 CTACATTAAAGCTGAC 630
Db 17 CTACATTAAAGCAGGAC 2

RESULT 339

US-10-388-263-172/c
; Sequence 172, Application US/10388263
; Publication No. US20030228597A1

; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeill, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; FILE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 172
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-172

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 513 CCTGGAGAGCTGACC 528
Db 16 CCTGGAGAGTTGACC 1

RESULT 340

US-10-349-143-5066/c
; Sequence 5066, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5066
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-20616 for SEQ 1132,
US-10-349-143-5066

Query Match 0.8%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 3.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 871 TACCTGGATGACTGTG 886
|||||

Db 17 TACCTGGATAACTGTG 2

RESULT 341
US-10-318-628-9
; Sequence 9, Application US/10318628
; Publication No. US20030191304A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Muthiah
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: IS154855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-9

Query Match 0.8%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGCGCG 245
Db 3 GTGGTGGTGGTGG 18

RESULT 342
US-10-418-251-8
; Sequence 8, Application US/10418251
; Publication No. US20040073957A1
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/10/418,251
; CURRENT FILING DATE: 2003-04-18
; PRIOR APPLICATION NUMBER: US/09/033,936
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-8

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 356 CTGATGGGAGAGTGA 371
Db 5 CTGATGGTGGAGAGTGA 20

RESULT 343
US-10-215-821-54
; Sequence 54, Application US/10215821
; Publication No. US20040029274A1
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG5 EXPRESSION
; FILE REFERENCE: RTS-0155
; CURRENT APPLICATION NUMBER: US/10/215,821
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 111
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-821-54

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 169 CGAGTGCCGAGGCA 184
Db 3 CGAGTGCCGAGGCA 18

RESULT 344
US-09-888-361-105/c
; Sequence 105, Application US/09888361
; Publication No. US20030064944A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/888,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-105

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 930 GCTGCTCCGGGCGCTG 945
Db 19 GCTGCTCCGGGCGCTG 4

RESULT 345
US-10-032-585-5572
; Sequence 5572, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussay
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20

; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5572
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5572

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGTGGCGG 245
Db 4 GTGGTGGTGGTGGTGG 19

RESULT 346

US-10-361-725A-24/c
; Sequence 24, Application US/10361725A
; Publication No. US20040009541A1
; GENERAL INFORMATION:
; APPLICANT: Singh, Bhuvanesh
; APPLICANT: Reddy, Prabhathi G.
; TITLE OF INVENTION: No. US20040009541A1el Carcinoma-Related Genes and
; TITLE OF INVENTION: Polypeptides and Methods of Use Thereof
; FILE REFERENCE: 402-01
; CURRENT APPLICATION NUMBER: US/10/361,725A
; CURRENT FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/355,009
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-361-725A-24

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 756 AGTGCCCTGCTCAAG 771
Db 20 ACTGTCCTGCTCAAG 5

RESULT 347

US-10-436-715-90/c
; Sequence 90, Application US/10436715
; Publication No. US20040018976A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING NOVEL HUMAN G-PROTEIN COUPLED RECEPTORS,
; TITLE OF INVENTION: AND SPLICE VARIANTS THEREOF
; FILE REFERENCE: D0262 NP
; CURRENT APPLICATION NUMBER: US/10/436,715
; CURRENT FILING DATE: 2003-05-13
; PRIOR APPLICATION NUMBER: U.S. 60/380,336
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 471
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-436-715-90

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 956 ACCGGCAGAGGTGCT 971
Db 16 ACCGGAGAGAGGTGCT 1

RESULT 348

US-09-765-081-326
; Sequence 326, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 326
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-326

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 886 GGGACATCATCAACATG 903
Db 2 GGGACAGCMTCCACATG 19

RESULT 349

US-09-881-012-24/c
; Sequence 24, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Ginns, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by the Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; CURRENT FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
; PRIOR APPLICATION NUMBER: US 60/062,924
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DL5S1032 primer
US-09-881-012-24

Query Match 0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 315 CTCTGCACACAGAGATT 330

```
Db      18  CTAATGACCAGAGATT 3
|||||
RESULT 350
US-10-184-085A-1062
; Sequence 1062, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1062
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1062

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      555  CCTCAGCGCGCGCTC 570
|||||
Db      6  CCTCAGCGCGCGCCCC 21

RESULT 351
US-10-184-085A-1065
; Sequence 1065, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; APPLICANT: Luebke, Kevin, J.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1065
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1065

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      555  CCTCAGCGCGCGCTC 570
|||||
Db      3  CCTCAGCGCGCGCCCC 18

RESULT 352
US-10-184-085A-1099
; Sequence 1099, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1099
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1099

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      555  CCTCAGCGCGCGCTC 570
|||||
Db      4  CCTCAGCGCGCGCCCC 19

RESULT 353
US-10-184-085A-1100
; Sequence 1100, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; APPLICANT: Luebke, Kevin, J.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1100
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1100

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      555  CCTCAGCGCGCGCTC 570
|||||
Db      4  CCTCAGCGCGCGCCCC 19

RESULT 354
US-10-184-085A-1102
; Sequence 1102, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1102
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1102

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      555  CCTCAGCGCGCGCTC 570
|||||
Db      4  CCTCAGCGCGCGCCCC 19
```

```

; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1102
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1102

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTC 570
DB 2 CCTCAGCGCGCGCCC 17

RESULT 355
US-10-184-085A-1103
; Sequence 1103, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1103

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTC 570
DB 1 CCTCAGCGCGCGCCC 16

RESULT 356
US-09-844-653-113
; Sequence 113, Application US/09844653
; Publication No. US20030054347A1
; GENERAL INFORMATION:
; APPLICANT: Richards, Julia
; APPLICANT: Rozsa, Frank
; TITLE OF INVENTION: Detecting and Treating Eye Disease
; FILE REFERENCE: UM-06105
; CURRENT APPLICATION NUMBER: US/09/844,653
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 113
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-844-653-113

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
```

```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1446 GAAACATCCATTCCTCTC 1464
DB 1 GATCCATCCATTCCTCCAC 19

RESULT 357
US-09-912-680-1
; Sequence 1, Application US/09912680
; Publication No. US20010051611A1
; GENERAL INFORMATION:
; APPLICANT: Srivastava, Arun
; APPLICANT: Ponnazhagan, Selvarangan
; APPLICANT: Chloemer, Robert H.
; APPLICANT: Wang, Xu-Shan
; APPLICANT: Yoder, Mervin C.
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: Escobedo, Jaime
; APPLICANT: Varivani, Dwarki
; TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)
; FILE REFERENCE: 1242.003
; CURRENT APPLICATION NUMBER: US/09/912,680
; CURRENT FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US/08/921,497
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 60/025,616
; PRIOR FILING DATE: 1996-09-06
; PRIOR APPLICATION NUMBER: US 60/025,649
; PRIOR FILING DATE: 1996-09-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The full sequence for lacZ from plasmid PCMV p-lacZ is found in
; OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)
; NAME/KEY: misc feature
; OTHER INFORMATION: primer for lacZ
US-09-912-680-1

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 223 GATGAGAGTGGTGGTGGTG 241
DB 1 GATGAGCGTGGTGGTTATG 19

RESULT 358
US-10-313-211-12/c
; Sequence 12, Application US/10313211
; Publication No. US2003024385A1
; GENERAL INFORMATION:
; APPLICANT: Fihian, German
; TITLE OF INVENTION: TARGETED GENETIC RISK-STRATIFICATION
; TITLE OF INVENTION: USING MICROARRAYS
; FILE REFERENCE: 07917-158001
; CURRENT APPLICATION NUMBER: US/10/313,211
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US 60/338,442
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/423,793
; PRIOR FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-313-211-12

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1674 AGCCCCCACTACATCTTC 1692
Db 19 AGCCCCCACTCTCTGCG 1

RESULT 359
US-10-046-671B-11/c
; Sequence 11, Application US/10046671B
; Publication No. US20030152592A1
; GENERAL INFORMATION:
; APPLICANT: Boot, Hendrik J.
; APPLICANT: Huurme ter, Anna A.H.M
; APPLICANT: Peeters, Bernardus P.H.
; TITLE OF INVENTION: Mosaic Infectious Bursal Disease Virus Vaccines
; CURRENT APPLICATION NUMBER: US/10/046,671B
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: PCT/NL00/00493
; PRIOR FILING DATE: 2000-07-13
; PRIOR APPLICATION NUMBER: EP 99202316.8
; PRIOR FILING DATE: 1999-07-14
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Infectious bursal disease virus
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Primer AC9
US-10-046-671B-11

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1167 GGGCTGCATCTCTCATGAG 1185
Db 19 GGTCTCCATCTCTTTGAG 1

RESULT 360
US-10-109-799-1
; Sequence 1, Application US/10109799
; Publication No. US20030166284A1
; GENERAL INFORMATION:
; APPLICANT: Srivastava, Arun
; APPLICANT: Ponnazhagan, Selvarangan
; APPLICANT: Chloemer, Robert H.
; APPLICANT: Wang, Xu-Shan
; APPLICANT: Yoder, Mervin C.
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: Escobedo, Jaime
; APPLICANT: Varivani, Dwariki
; TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)
; FILE REFERENCE: 1242.003
; CURRENT APPLICATION NUMBER: US/10/109,799
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US/08/921,497
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 60/025,616
; PRIOR FILING DATE: 1996-09-06
; PRIOR APPLICATION NUMBER: US 60/025,649
; PRIOR FILING DATE: 1996-09-11

; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: The full sequence for lacZ from plasmid pCMV p-lacZ is found in
; OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: primer for lacZ
US-10-109-799-1

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 223 GATGAGAGTGGTGGTGGT 241
Db 1 GATGAGCGTGGTGGTTATG 19

RESULT 361
US-10-188-779A-13/c
; Sequence 13, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PFS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-188-779A-13

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGGTGGCT 1171
Db 19 GACATGTGGAGCGTTGGCT 1

RESULT 362
US-09-733-294A-89/c
; Sequence 89, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
;
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-89

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 352 GGGTCTGATGGGAGAGTG 370
Db 20 GGGTCTGATGGGTGACTG 2

RESULT 363
US-09-961-663-2
; Sequence 2, Application US/09961663
; Patent No. US20020115084A1
; GENERAL INFORMATION:
; APPLICANT: Barnett, Jason
; APPLICANT: Beck, James
; TITLE OF INVENTION: Detection of Mycosphaerella Using the Polymerase Chain
; FILE REFERENCE: PB/5-31382A
; CURRENT APPLICATION NUMBER: US/09/961,663
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 60/211302
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer ITS2
US-09-961-663-2

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTGGTCTTCGTCGATGC 1567
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 364
US-09-961-663-3/c
; Sequence 3, Application US/09961663
; Patent No. US20020115084A1
; GENERAL INFORMATION:
; APPLICANT: Barnett, Jason
; APPLICANT: Beck, James
; TITLE OF INVENTION: Detection of Mycosphaerella Using the Polymerase Chain
; FILE REFERENCE: PB/5-31382A
; CURRENT APPLICATION NUMBER: US/09/961,663
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 60/211902
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer ITS3
US-09-961-663-3

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1549 CTTGGTCTTCGTCGATGC 1567
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 365
US-09-791-406-66
; Sequence 66, Application US/09791406
; Patent No. US20020147165A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
; FILE REFERENCE: RTS-0097
; CURRENT APPLICATION NUMBER: US/09/791,406
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-66

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 928 CAGCTGCTCCGTCGCTGG 946
Db 2 CAGCTGCTCCGTCGCTGG 20

RESULT 366
US-09-833-555-7
; Sequence 7, Application US/09833555
; Patent No. US20020151000A1
; GENERAL INFORMATION:
; APPLICANT: Ozaki, Akio
; APPLICANT: Mori, Hideo
; APPLICANT: Shibasaki, Takeshi
; APPLICANT: Ando, Katsuhiko
; APPLICANT: Chiba, Shigeru
; TITLE OF INVENTION: Process for Producing
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
; STREET: 1300 NORTH SEVENTEENTH STREET
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22209
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/833,555
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 09/104,382
; FILING DATE:
; APPLICATION NUMBER: 08/709,874
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/301,653
; FILING DATE: 07-SEP-1994
```



```
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 08/482,554
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Terry, David T.
; REGISTRATION NUMBER: 20178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-833-555-7

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      856 AAGGACCTGAGCAGTACC 874
Db      1 ACGGAGCTCAGCAGTACC 19

RESULT 367
US-09-766-173C-6
; Sequence 6, Application US/09766173C
; Patent No. US20020172945A1
; GENERAL INFORMATION:
; APPLICANT: Carroll, George C.
; TITLE OF INVENTION: Materials and Methods For Detection of
; FILE REFERENCE: Oregon 99-09
; CURRENT APPLICATION NUMBER: US/09/766,173C
; CURRENT FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: PCT/US01/01735
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/177,013
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-766-173C-6

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1549 CTTGGCTCTTCGTGATGC 1567
Db      2 CTGGCTTCTTCATGATGC 20

RESULT 368
US-09-766-173C-7/c
; Sequence 7, Application US/09766173C
; Patent No. US20020172945A1
; GENERAL INFORMATION:
; APPLICANT: Carroll, George C.
; TITLE OF INVENTION: Materials and Methods For Detection of
; FILE REFERENCE: Oregon 99-09
; CURRENT APPLICATION NUMBER: US/09/766,173C
```

```
; CURRENT FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: PCT/US01/01735
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/177,013
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-766-173C-7

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1549 CTTGGCTCTTCGTGATGC 1567
Db      19 CTGGCTTCTTCATGATGC 1

RESULT 369
US-09-774-809-121/c
; Sequence 121, Application US/09774809
; Publication No. US20030004120A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0412
; CURRENT APPLICATION NUMBER: US/09/774,809
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-121

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1424 GGATCTCCGACAGGATGC 1442
Db      20 GGATCTCCGTAGACGAAGC 2

RESULT 370
US-09-766-450-69/c
; Sequence 69, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Volik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Albertson, Donna G.
; APPLICANT: Pinkel, Daniel
```

; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; FILE OF INVENTION: Cytogenetics
; FILE REFERENCE: 023071-111800US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 719646.f1
US-09-766-450-69

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1725 TTTTACCTGCCCACCTTGT 1743
Db 19 TTTTACCTGCCCACCTTGT 1

RESULT 371
US-09-935-316-3/c
; Sequence 3, Application US/09935316
; Publication No. US20030083286A1
; GENERAL INFORMATION:
; APPLICANT: Weinbach, Susan
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Geary, Richard H.
; APPLICANT: Hardee, Gregory E.
; TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestina
; FILE REFERENCE: IS194823
; CURRENT APPLICATION NUMBER: US/09/935,316
; CURRENT FILING DATE: 2001-08-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-935-316-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAGATCAAAACG 149
Db 20 GCAAGAAGAGAGCAAAACG 2

RESULT 372
US-09-919-197-73/c
; Sequence 73, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 73
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-919-197-73

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1111 CCTGACATCCTGCTGGGT 1129
Db 20 CCTCTCTTCTGCTGGGT 2

RESULT 373
US-09-953-047-90/c
; Sequence 90, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXP
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 ACGAGGACTTGAAGATGGG 353
Db 20 ACGGGTACCTGAAGATGGG 2

RESULT 374
US-09-939-379B-2
; Sequence 2, Application US/09939379B
; Publication No. US20030099946A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reacti
; FILE REFERENCE: 60063PI
; CURRENT APPLICATION NUMBER: US/09/939,379B
; CURRENT FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1).. (20)
; OTHER INFORMATION: Primer ITS2
US-09-939-379B-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCCGTCTTCGTCGATGC 1567

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
; FILE REFERENCE: RTS-0280
; CURRENT APPLICATION NUMBER: US/09/961,001
; CURRENT FILING DATE: 2001-09-20
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-09-961-001-73

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      366 GAGTGACCAAGGCTTCAGCC 384
        ||| ||| ||| ||| ||| ||| |||
Db       19 GAGAGAGCCAGCTTCAGCC 1

RESULT 378
US-09-961-755A-10
; Sequence 10, Application US/09961755A
; Publication No. US20030113722A1
; GENERAL INFORMATION:
; APPLICANT: Beck, Jim
; APPLICANT: Barnett, Jason
; TITLE OF INVENTION: Detection of Fusarium Species infecting Corn Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; FILE REFERENCE: 60055
; CURRENT APPLICATION NUMBER: US/09/961,755A
; CURRENT FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Primer ITS2
;
US-09-961-755A-10

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1549 CTTCGGTCTTCGTCGATGC 1567
        ||| ||| ||| ||| ||| ||| |||
Db       2 CTGCTTCTTCATCGATGC 20

RESULT 379
US-09-961-755A-11/c
; Sequence 11, Application US/09961755A
; Publication No. US20030113722A1
; GENERAL INFORMATION:
; APPLICANT: Beck, Jim
; APPLICANT: Barnett, Jason
; TITLE OF INVENTION: Detection of Fusarium Species infecting Corn Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; FILE REFERENCE: 60055
; CURRENT APPLICATION NUMBER: US/09/961,755A
; CURRENT FILING DATE: 2001-09-24
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence

```

```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Primer ITS3
US-09-961-755A-11

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGTGATGC 1567
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 380
US-09-944-493-3/c
; Sequence 3, Application US/09944493
; Publication No. US20030124196A1
; GENERAL INFORMATION:
; APPLICANT: Weinbach, Susan
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Geary, Richard H.
; APPLICANT: Hardee, Gregory E.
; TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestina
; TITLE OF INVENTION: Absorption
; FILE REFERENCE: ISIS4823
; CURRENT APPLICATION NUMBER: US/09/944,493
; CURRENT FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-944-493-3

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 131 GGATGAAGAGATCAAAAG 149
Db 20 GCAAGAGAGAGCAAAAG 2

RESULT 381
US-09-843-377-49
; Sequence 49, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-49

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 62 TGCTGAAGAGAGGAGG 80
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|||||  |||||  |||||  |||||  |||||
Db 2 TGCTGAAGCTCAGTGGAGG 20

RESULT 382
US-10-009-980B-2/c
; Sequence 2, Application US/10009980B
; Publication No. US20040072155A1
; GENERAL INFORMATION:
; APPLICANT: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
; TITLE OF INVENTION: MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS
; FILE REFERENCE: PATENT APPLICATION PCT/ES01/00079
; CURRENT APPLICATION NUMBER: US/10/009,980B
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: ES2000000560
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of the Artificial Sequence:oligo ITS3
US-10-009-980B-2

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGTGATGC 1567
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 383
US-10-009-980B-4
; Sequence 4, Application US/10009980B
; Publication No. US20040072155A1
; GENERAL INFORMATION:
; APPLICANT: CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS
; TITLE OF INVENTION: MOLECULAR METHODS FOR DETECTING GUAR GUM ADDITIONS
; FILE REFERENCE: TO LOCUST BEAN GUM
; CURRENT APPLICATION NUMBER: US/10/009,980B
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: ES2000000560
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of the Artificial Sequence:oligo PG21
US-10-009-980B-4

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGTGATGC 1567
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 384
US-10-345-444B-121/c
; Sequence 121, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
```

APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0726
CURRENT APPLICATION NUMBER: US/10/345,444B
CURRENT FILING DATE: 2003-01-15
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: US 09/396,902
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: US 09/287,796
PRIOR FILING DATE: 1999-04-07
PRIOR APPLICATION NUMBER: US 09/130,616
PRIOR FILING DATE: 1998-08-07
PRIOR APPLICATION NUMBER: US 08/910,629
PRIOR FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 121
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-121

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1424 GGATCTCCGACGAGTGC 1442
|||||
Db 20 GGATCTCCGTAGCAGAGC 2

RESULT 385
US-10-398-308-29
Sequence 29, Application US/10398308
Publication No. US20040029825A1
GENERAL INFORMATION:
APPLICANT: Davies, Christopher J.
APPLICANT: Schlafer, Donald H.
APPLICANT: Hill, Jonathan R.
TITLE OF INVENTION: METHODS OF MINIMIZING IMMUNOLOGICAL REJECTION OF A
FILE REFERENCE: 19603/3373
CURRENT APPLICATION NUMBER: US/10/398,308
CURRENT FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: 60/237,673
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: PCT/US01/30925
PRIOR FILING DATE: 2001-10-03
NUMBER OF SEQ ID NOS: 145
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 29
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-398-308-29

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1593 CGTGGTGGACACCGAGTTC 1611
|||||
Db 2 CGTGGACGACACCGAGTTC 20

RESULT 386
US-10-623-880-2
Sequence 2, Application US/10623880
Publication No. US20040029255A1
GENERAL INFORMATION:
APPLICANT: Syngenta Biotechnology Inc.
APPLICANT: Barnett, Charles Jason
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
FILE REFERENCE: 60063PI
CURRENT APPLICATION NUMBER: US/10/623,880
CURRENT FILING DATE: 2003-07-21
PRIOR APPLICATION NUMBER: US/09/939,379B
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (1) . . (20)
OTHER INFORMATION: Primer ITS2
US-10-623-880-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGTCGATGC 1567
|||||
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 387
US-10-623-880-3/c
Sequence 3, Application US/10623880
Publication No. US20040029255A1
GENERAL INFORMATION:
APPLICANT: Syngenta Biotechnology Inc.
APPLICANT: Barnett, Charles Jason
APPLICANT: Beck, Jim
TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
FILE REFERENCE: 60063PI
CURRENT APPLICATION NUMBER: US/10/623,880
CURRENT FILING DATE: 2003-07-21
PRIOR APPLICATION NUMBER: US/09/939,379B
PRIOR FILING DATE: 2001-08-24
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc feature
LOCATION: (1) . . (20)
OTHER INFORMATION: Primer ITS3
US-10-623-880-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGTCGATGC 1567
|||||
Db 19 CTGCGTCTTCATCGATGC 1

;; PRIOR FILING DATE: 2000-09-08
;; NUMBER OF SEQ ID NOS: 87
;; SEQ ID NO 50
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-125-50

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1387 CTCCTCACCAGCTGTGTC 1405
||||| |||||
Db 2 CTCCTGCCCAGCTGTGTC 20

RESULT 392
US-10-610-561-7
; Sequence 7, Application US/10610561
; Publication No. US20040048345A1
; GENERAL INFORMATION:
; APPLICANT: Ozaki, Akio
; Mori, Hideo
; Shibasaki, Takeshi
; Ando, Katsuhiko
; Chiba, Shigeru
; TITLE OF INVENTION: Process for Producing
; Trans-4-Hydroxy-L-Proline
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP
; STREET: 1300 NORTH SEVENTEENTH STREET
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22209

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent in Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/610,561
;; FILING DATE: 02-Jul-2003
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/09/104,382
;; FILING DATE: 02-JULY-1998
;; APPLICATION NUMBER: 08/709,874
;; FILING DATE: 09-SEP-1996
;; APPLICATION NUMBER: 08/301,653
;; FILING DATE: 07-SEP-1994
;; APPLICATION NUMBER: 08/482,554
;; FILING DATE: 07-JUN-1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Terry, David T.
;; REGISTRATION NUMBER: 20178
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 703-312-6600
;; TELEFAX: 703-312-6666
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid, synthetic DNA
;; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-610-561-7

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGTACC 874
||||| |||||
Db 1 ACGGAGCTCAAGCAGTACC 19

RESULT 393
US-10-630-401-90/c
; Sequence 90, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXP
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 335 ACGAGGACTTGAAGATGGG 353
||||| |||||
Db 20 ACGGTRACCTGAAGATGGG 2

RESULT 394
US-09-923-517-99/c
; Sequence 99, Application US/09923517
; Publication No. US20020039741A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517
; FILING DATE: 07-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257

```
; REFERENCE/DOCKET NUMBER: ISFH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 99:
US-09-923-517-99
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1720 AGCCATGTTCCAGTGGCCCA 1738
DB 19 AGCCATCTCCAGCCGCCA 1

RESULT 395
US-10-655-847-124/c
; Sequence 124, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; PRIOR FILING DATE: 2003-09-05
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-655-847-124
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
DB 19 TGCAGATGGGCTGTGATGG 1

RESULT 396
US-10-655-847-262
; Sequence 262, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; PRIOR FILING DATE: 2003-09-05
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-655-847-262
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTGTGATGG 362
DB 2 TGCAGATGGGCTGTGATGG 20

RESULT 397
US-10-160-787-60/c
; Sequence 60, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-60
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 988 CCCAGAACCTGCTCATCA 1006
DB 19 CCACAGAACCTCCCAATTA 1

RESULT 398
US-10-160-787-65/c
; Sequence 65, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-65
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1172 GCATCTTCTATGAGATGGC 1190
DB 20 GCATTTCTTGAATGGC 2

RESULT 399
US-10-160-787-68/c
; Sequence 68, Application US/10160787
; Publication No. US20030225256A1
```



```
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-68

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1256 TAGGAACCCCACTGAGGA 1274
Db 19 TAGGAACCTCCATCTCAGGA 1

RESULT 400
US-10-160-787-122
; Sequence 122, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-122

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 988 CCCAGAACCTGCTCATCA 1006
Db 2 CCACAGAACCTCCATTA 20

RESULT 401
US-10-160-787-126
; Sequence 126, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-126

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy 1172 GCATCTCTATGAGATGCC 1190
Db 1 GCATTTCTTTGAATGCC 19

RESULT 402
US-10-160-787-128
; Sequence 128, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-128

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1256 TAGGAACCCCACTGAGGA 1274
Db 2 TAGGAACCTCCATCTCAGGA 20

RESULT 403
US-10-160-807-124/c
; Sequence 124, Application US/10160807
; Publication No. US20030224514A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/160,807
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-807-124

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 344 TGAAGATGGGCTGATGG 362
Db 19 TGCAGATGGGCTGTGATGG 1

RESULT 404
US-10-160-807-262
; Sequence 262, Application US/10160807
; Publication No. US20030224514A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/160,807
```

```

; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-160-807-262

```

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

QY 344 TGAAGATGGGCTCTGATGG 362
||| ||||| ||||| |||||
Db 2 TGCAGATGGGCTGTGATGG 20

```

RESULT 405
US-10-141-029-12/c
; Sequence 12, Application US/10141029
; Publication No. US20030213030P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 2"
; FILE REFERENCE: 30034-92643
; CURRENT APPLICATION NUMBER: US/10/141,029
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-029-12

```

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

Qy 896 TCAACATGCACAACTGAA 914
|||||
Db 19 TCAACAAGCACCCAGAA 1

```

RESULT 406
US-10-199-559-2
; Sequence 2, Application US/10199559
; Publication No. US20030099975A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/10/199,559
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1) . . (20)
; OTHER INFORMATION: Primer ITS2
US-10-199-559-2

```

```

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549  CTTCCGGTCTTCGTCGATGC 1567
          |||||
Db       2    CTGCGTTCTTCATCGATGC 20

```

```

RESULT 407
US-10-199-559-3/c
; Sequence 3, Application US/10199559
; Publication NO. US20030099975A1
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase
; FILE REFERENCE: 60063PI
; CURRENT APPLICATION NUMBER: US/10/199,559
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US/09/939,379B
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1).. (20)
; OTHER INFORMATION: Primer ITS3
US-10-199-559-3

```

Query Match	0.8%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. NO. 4.1e+02;		
Matches 16;	Conservative	0;	Mismatches 3;	Indels 0;
				Gaps 0;

Qy 1549 CTTCGGTCTTCGTCGATGC 1567
||| ||| ||| ||| ||| ||| ||| |||
Db 19 CTGCGGTCTTCATCCGATGC 1

```

RESULT 408
US-10-105-211B-1
; Sequence 1, Application US/10105211B
; Publication No. US20030104045A1
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Antiviral supramolecules containing
; TITLE OF INVENTION: target-binding molecules and therapeutic molecules bound to
; TITLE OF INVENTION: target-binding molecules and therapeutic molecules bound to
; TITLE OF INVENTION: target-binding molecules and therapeutic molecules bound to
; FILE REFERENCE: 18950-14
; CURRENT APPLICATION NUMBER: US/10/105,211B
; CURRENT FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotides utilized for the exemplary prepar
; OTHER INFORMATION: of an antibody-multizyme supramolecule according to the teach
; OTHER INFORMATION: of the present invention. MMT-AP-CEDIPPA introduced at the 5
; OTHER INFORMATION: position.
US-10-105-211B-1

```

Query Match 0.8%; Score 14.2; DB 1; Length 20;

OTHER INFORMATION: PLIMET 1152
US-10-199-559-2

```

Best Local Similarity 84.2%; Pred. No. 4.le+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      723 TGAAGAGGGGCGACCCCTGC 741
       ||| ||||| ||||| |||
Db       1 TGGAGATGGGGCACCATGC 19

RESULT 409
US-10-203-860-18/c
; Sequence 18, Application US/10203860
; Publication No. US20030108904A1
; GENERAL INFORMATION:
; APPLICANT: WAKAMIYA, NO. US20030108904A1utaka
; TITLE OF INVENTION: NO. US20030108904A1el Scavenger Receptor
; FILE REFERENCE: 19036/38693
; CURRENT APPLICATION NUMBER: US/10/203,860
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 2000-35155
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 2000-309068
; PRIOR FILING DATE: 2000-10-10
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of a Synthetic TGPI Primer for Cap Site Sequencing.
US-10-203-860-18

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.le+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      595 GCCTTTGGGAAACTGGAGA 613
       || | || || || || || ||
Db       19 GGATTAGGAAACTGAAGA 1

RESULT 410
US-10-006-430-32/c
; Sequence 32, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RFS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-32

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.le+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      855 CAAGGACCTGAAGCAGTAC 873
       ||||| ||||| |||||
Db       19 CAAGGATGTGAAGCAGTTC 1

RESULT 411
US-10-024-369-86/c
; Sequence 86, Application US/10024369
; Publication No. US20030134809A1
```

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1010 AGAGGGGAGAGCTCAAGCT 1028
||| ||||| ||||| |||||
Db 19 AGATGGGAGATCTCAAGTT 1

RESULT 414

US-10-114-683A-30/c
; Sequence 30, Application US/10114683A
; Publication No. US20030194396A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTTG1 EXPRESSION
; FILE REFERENCE: RTS-0265
; CURRENT APPLICATION NUMBER: US/10/114,683A
; CURRENT FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-114-683A-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1010 AGAGGGGAGAGCTCAAGCT 1028
||| ||||| ||||| |||||
Db 19 AGATGGGAGATCTCAAGTT 1

RESULT 415

US-10-430-196-99/c
; Sequence 99, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/430,196
; FILING DATE: 05-MAY-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517A
; FILING DATE: 07-AUG-2001
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 99:
US-10-430-196-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1720 AGCCATGTTCCACCTGCCCA 1738
||||| ||||| ||||| |||||
Db 19 AGCCATCTCCACCAGCCCA 1

RESULT 416

US-10-141-060-12/c
; Sequence 12, Application US/10141060
; Publication No. US20030213031P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 1"
; FILE REFERENCE: 30034-92642
; CURRENT APPLICATION NUMBER: US/10/141,060
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-060-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGCACACGTGAA 914
||||| ||||| ||||| |||||
Db 19 TCAACAGCACACGAGAA 1

RESULT 417

US-10-141-063-12/c
; Sequence 12, Application US/10141063
; Publication No. US20030213032P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 10"
; FILE REFERENCE: 30034-93467
; CURRENT APPLICATION NUMBER: US/10/141,063
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-063-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGACACACGTGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 418

US-10-141-092-12/c
; Sequence 12, Application US/10141092
; Publication No. US20030213033P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 8"
; FILE REFERENCE: 30034-93465
; CURRENT APPLICATION NUMBER: US/10/141,092
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-092-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGACACACGTGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 419

US-10-141-093-12/c
; Sequence 12, Application US/10141093
; Publication No. US20030213034P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 7"
; FILE REFERENCE: 30034-93464
; CURRENT APPLICATION NUMBER: US/10/141,093
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-093-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGACACACGTGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 420

US-10-141-094-12/c
; Sequence 12, Application US/10141094
; Publication No. US20030213035P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.

; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 6"
; FILE REFERENCE: 30034-93463
; CURRENT APPLICATION NUMBER: US/10/141,094
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-094-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGACACACGTGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 421

US-10-141-095-12/c
; Sequence 12, Application US/10141095
; Publication No. US20030213036P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 9"
; FILE REFERENCE: 30034-93466
; CURRENT APPLICATION NUMBER: US/10/141,095
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-095-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 896 TCAACATGACACACGTGAA 914
Db 19 TCAACAAGCACCACGAGAA 1

RESULT 422

US-10-141-102-12/c
; Sequence 12, Application US/10141102
; Publication No. US20030213037P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 3"
; FILE REFERENCE: 30034-92644
; CURRENT APPLICATION NUMBER: US/10/141,102
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-102-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGTGAA 914
||||| ||||| |||||
Db 19 TCAACAGCACCCAGGAA 1

RESULT 423

US-10-141-103-12/c
; Sequence 12, Application US/10141103
; Publication No. US20030213038P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 5"
; FILE REFERENCE: 30034-93462
; CURRENT APPLICATION NUMBER: US/10/141.103
; CURRENT FILING DATE: 2002-07-24
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-103-12

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGTGAA 914
||||| ||||| |||||
Db 19 TCAACAGCACCCAGGAA 1

RESULT 424

US-10-146-860-46
; Sequence 46, Application US/10146860
; Publication No. US20030220273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Reach
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHODIESTERASE 4D EXPRESSION
; FILE REFERENCE: RTS-0351
; CURRENT APPLICATION NUMBER: US/10/146,860
; CURRENT FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-146-860-46

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 501 GCGTACGGGCTACCTGGAG 519
||||| ||||| |||||
Db 2 GCGTACGGGCTACCGGAG 20

RESULT 425

US-10-159-856-24
; Sequence 24, Application US/10159856
; Publication No. US2003022869A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR KINASE 6 EXP
; FILE REFERENCE: RTS-0365
; CURRENT APPLICATION NUMBER: US/10/159,856
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-856-24

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 843 TGAGTACTCGACAAGGAC 861
||||| ||||| |||||
Db 1 TGAGTCTCTGAAAAGGTC 19

RESULT 426

US-10-167-034-61
; Sequence 61, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRE
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-167-034-61

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 928 CAGCTGCTCCGTGCCTGG 946
||||| ||||| |||||
Db 2 CAGCTGCTCTGCTGCCTGG 20

RESULT 427

US-10-167-034-127/c
; Sequence 127, Application US/10167034
; Publication No. US20030228690A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF IL-1 RECEPTOR-ASSOCIATED KINASE-1 EXPRE
; FILE REFERENCE: PTS-0003
; CURRENT APPLICATION NUMBER: US/10/167,034
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 142
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-167-034-127

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 928 CAGCTGCTCCGTGGCTGG 946
|||||
Db 19 CAGCTGCTCTGCTGCTGG 1

RESULT 428

US-10-173-240-32/c
; Sequence 32, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-BPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-32

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1080 CAATGAGGTGGTGCACCTG 1098
|||||
Db 19 CAAGGAGGTGACGACCTG 1

RESULT 429

US-10-173-240-39/c
; Sequence 39, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-BPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-240-39

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 275 CTGCTCTCTGGGAACTTCG 293
|||||
Db 19 CTGCTCTTGGAGAACTACG 1

RESULT 430

US-10-173-240-66
; Sequence 66, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-BPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-240-66

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1080 CAATGAGGTGGTGCACCTG 1098
|||||
Db 2 CAAGGAGGTGACGACCTG 20

RESULT 431

US-10-173-240-72
; Sequence 72, Application US/10173240
; Publication No. US20030232436A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2-BPF EXPRESSION
; FILE REFERENCE: HTS-0021
; CURRENT APPLICATION NUMBER: US/10/173,240
; CURRENT FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-240-72

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 275 CTGCTCTCTGGGAACTTCG 293
|||||
Db 2 CTGCTCTTGGAGAACTACG 20

RESULT 432

US-10-173-718-5/c
; Sequence 5, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: FTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-173-718-5

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1553 GCTCTTCGTGATGCTGA 1571
Db ||||| ||||| ||||| |||||
19 GGTCTTGTTGCTGCTGA 1

RESULT 433

US-10-186-157-11
; Sequence 11, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-11

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1480 ATCCAAACTTCCTGACA 1498
Db ||||| ||||| ||||| |||||
1 ATGCACAATCTTCCTGATA 19

RESULT 434

US-10-188-779A-106/c
; Sequence 106, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-106

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 687 CAACCTTGTCGACTCAAG 705
Db ||||| ||||| ||||| |||||
20 CCACCTTGTCGCTCAAG 2

RESULT 435

US-10-349-143-6583
; Sequence 6583, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6583
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-12602 for SEQ 2649,
US-10-349-143-6583

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CATTATCCACGCGGAGAG 825
Db ||||| ||||| ||||| |||||
2 CTTTATCCACACAGAGAG 20

RESULT 436

US-10-289-762-5779/c
; Sequence 5779, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmen
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pre
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6843
; SEQ ID NO 5779
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5779

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 291 TCGTTCTGCACGGGGCCCA 309
Db ||||| ||||| ||||| |||||
20 TCGTTCTGCACGGGGGACA 2

RESULT 437

US-10-141-021-12/c
; Sequence 12, Application US/10141021
; Publication No. US20040025210P1
; GENERAL INFORMATION:
; APPLICANT: BEINEKE, WALTER F.
; TITLE OF INVENTION: BLACK WALNUT TREE NAMED "BEINEKE 4"
; FILE REFERENCE: 30034-93461
; CURRENT APPLICATION NUMBER: US/10/141,021
; CURRENT FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12


```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-141-021-12

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 TCAACATGCACACGCGAA 914
Db 19 TCACACGACCCGAGAA 1

RESULT 438
US-10-210-838-54/c
; Sequence 54, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PFS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-54

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1444 ATGAACATCCATCTTCC 1462
Db 19 ATGAACATTCATTTTAC 1

RESULT 439
US-10-210-838-158
; Sequence 158, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PFS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-158

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1444 ATGAACATCCATCTTCC 1462
Db 19 ATGAACATTCATTTTAC 1

RESULT 440
US-10-211-908-39/c
; Sequence 39, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: RTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-908-39

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCCTGAGCCA 1724
Db 19 TGCCTACCTGCTTCAGTCA 1

RESULT 441
US-10-628-841-86
; Sequence 86, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-86

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 78 AGGCGCCCGCGGCTCTGAG 96
Db 1 AGGCGCCCGCGGCTCTCGAG 19

RESULT 442
US-09-765-081-398
; Sequence 398, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
```

```
; FILE REFERENCE: 2825,2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 398
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-398

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred.No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1382 CCGACCTCTCCACCAAGCT 1400
      ||||| ||||| ||||| |||||
Db 1 CCGAGCTCTCTACCAACCT 19

RESULT 443
US-09-765-081-443/c
; Sequence 443, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825,2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 443
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-443

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred.No. 4.4e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 201 TGCCCTGTGAGCAGATAGGCCT 221
      ||||| ||||| ||||| |||||
Db 21 TGCCCTGTGAGTCATGGTCT 1

RESULT 444
US-09-911-176B-41/c
; Sequence 41, Application US/09911176B
; Patent No. US20020156243A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ANTIBODIES THAT BIND AN
; FILE REFERENCE: 97-30D1
; CURRENT APPLICATION NUMBER: US/09/911,176B
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: 09/118,408
; PRIOR FILING DATE: 1998-07-17
; PRIOR APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-09-911-176B-41

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred.No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCTCTCACCTTGTC 840
      ||||| ||||| ||||| |||||
Db 21 GAAGTCCTCTCACCTGTC 3

RESULT 445
US-10-187-975-221/c
; Sequence 221, Application US/10187975
; Publication No. US20030224982A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Patturajan, Meera
; APPLICANT: Ellerman, Karen
; APPLICANT: Gorman, Linda
; APPLICANT: Zhong, Mei
; APPLICANT: Catterton, Elina
; APPLICANT: Spytek, Kimberly
; APPLICANT: Miller, Charles
; APPLICANT: Edinger, Shlomit
; APPLICANT: Hjalt, Tord
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shinkets, Richard
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Baumgartner, Jason
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennda
; APPLICANT: Casman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Pena, Carol
; APPLICANT: Chapoval, Andrei
; APPLICANT: Rastelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Verite, Corine
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; FILE REFERENCE: 21402-397A
; CURRENT APPLICATION NUMBER: US/10/187,975
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/305,673
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 60/306,085
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/308,877
; PRIOR FILING DATE: 2001-07-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
; NUMBER OF SEQ ID NOS: 288
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 221
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-187-975-221

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 350 TGGGCTCTGATGGGAGAG 368
Db 19 TGGGGGCTTATAGGAGAG 1

RESULT 446
US-10-211-858-127
; Sequence 127, Application US/10211858
; Publication No. US20030211096A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Pirti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,858
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/065511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 127
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-858-127

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 507 GGCTACTGAGAGCTG 525
Db 2 GGAGCAGGAGAGCTG 20

RESULT 447
US-10-180-762-41/c
; Sequence 41, Application US/10180762
; Publication No. US20030022838A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/10/180,762
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-180-762-41

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCCTCACCTTGTC 840
Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 448
US-10-241-258-41/c
; Sequence 41, Application US/10241258
; Publication No. US20030078206A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12
; CURRENT APPLICATION NUMBER: US/10/241,258
; CURRENT FILING DATE: 2002-09-10
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-241-258-41

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCCTCACCTTGTC 840
Db 21 GAAGTCCCTCTCACGTGTC 3
```

```
Db      21 GAAGTCCCTCTCACGTGTC 3
;
; PRIOR APPLICATION NUMBER: US 60/244,709
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Rat MT-II RNA
US-10-033-024A-47

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1380 GGCGGACCTCTCTCACCAAG 1398
|||||
Db      21 GGCTGACCGCTCTCACCAAG 3

RESULT 450
US-10-206-839-108/c
; Sequence 108, Application US/10206839
; Publication No. US2003009977A1
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/10/206,839
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 108
; LENGTH: 21
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-206-839-108

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1246 TTCGGTATCTTAGGAACCC 1264
|||||
Db      21 TTCAGTGTCTTTGGAACCC 3

RESULT 451
US-10-033-024A-47
; Sequence 47, Application US/10033024A
; Publication No. US20030105043A1
; GENERAL INFORMATION:
; APPLICANT: Ho, Shuk-Mei
; APPLICANT: Lau, Kin-Wang
; APPLICANT: Lee, Kai-Fai
; TITLE OF INVENTION: APOPTOSIS-INDUCING RIBOZYMES
; FILE REFERENCE: 07917-110001
; CURRENT APPLICATION NUMBER: US/10/033,024A
; CURRENT FILING DATE: 2002-10-17

Db      26 GAATGCAGAGTAGGCAGG 44
|||||
Db      19 GAAAGCTGAGATAGGCAGG 1

RESULT 449
US-10-194-370-56/c
; Sequence 56, Application US/10194370
; Publication No. US20030096270A1
; GENERAL INFORMATION:
; APPLICANT: Paul Andrew Whittaker et al
; TITLE OF INVENTION: Disease-Associated Gene
; FILE REFERENCE: Case 4-32067A/HO 41
; CURRENT APPLICATION NUMBER: US/10/194,370
; CURRENT FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-194-370-56

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1167 GGGCTGCATCTTCTATGAG 1185
|||||
Db      2 GGGCUGCAUCUGCAAGAG 20

RESULT 452
US-10-005-956-343/c
; Sequence 343, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 343
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-343

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1246 TTCGGTATCTTAGGAACCC 1264
|||||
Db      21 TTCAGTGTCTTTGGAACCC 3

RESULT 453
US-10-005-956-439
; Sequence 439, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 439
```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-439

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1537 AAGGAGCCAGCCTTCGGT 1555
Db 2 AAGGTGACAGCTTCGGT 20

RESULT 454
US-10-005-956-440
; Sequence 985, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 440
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-440

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1537 AAGGAGCCAGCCTTCGGT 1555
Db 2 AAGGTGACAGCTTCGGT 20

RESULT 455
US-10-005-956-985/c
; Sequence 985, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 985
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-985

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1537 AAGGAGCCAGCCTTCGGT 1555
Db 2 AAGGTGACAGCTTCGGT 20

RESULT 456
US-10-005-956-186-41/c
; Sequence 41, Application US/10360186
; Publication No. US20030144208A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/10/360,186
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/619,740
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-360-186-41

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GGCGTCCCTCTTCGGG 1213
Db 2 GGCTGTCCCTCTTCCTG 20

RESULT 457
US-10-360-186-41/c
; Sequence 41, Application US/10360186
; Publication No. US20030144208A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/10/360,186
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/619,740
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-360-186-41

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GGCGTCCCTCTTCGGG 1213
Db 2 GGCTGTCCCTCTTCCTG 20

RESULT 458
US-10-261-845-5
; Sequence 5, Application US/10261845
; Publication No. US20030119035A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Taft, David W.
; TITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYPI
; FILE REFERENCE: 99-21
; CURRENT APPLICATION NUMBER: US/10/261,845
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US/09/636,382
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 60/149,563
; PRIOR FILING DATE: 1999-08-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC18365
US-10-261-845-5

Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 TTCGTAATCTTAGGAACC 1264
Db 21 TTCAGTGTCTTTGGAACC 3
```

```
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 822 GAAGTCCCTCACCTGTC 840
Db 21 GAAGTCCCTCACCTGTC 3
RESULT 458
US-10-340-097-72
; Sequence 72, Application US/10340097
; Publication No. US20030162276A1
; GENERAL INFORMATION:
; APPLICANT: Rattner, Amir
; APPLICANT: Sun, Hui
; APPLICANT: Luksi, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Anderson, Kent L.
; APPLICANT: Leppert, Mark
; APPLICANT: Dean, Michael
; APPLICANT: Singh, Nanda
; APPLICANT: Shroyer, No. US20030162276A1h F.
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Allikmets, Rando
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences For ATP-Binding Cassette
; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP-
; TITLE OF INVENTION: Transporter
; FILE REFERENCE: BYLR0065
; CURRENT APPLICATION NUMBER: US/10/340,097
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US/09/032,438A
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-340-097-72
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1389 COTACCAAGCTGTTGCAG 1407
Db 3 CATCACCCAGCTGTTCCAG 21
RESULT 459
US-10-210-951-127
; Sequence 127, Application US/10210951
; Publication No. US20030170228A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931RLC1
; CURRENT APPLICATION NUMBER: US/10/210,951
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 127
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-127
Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 507 GGGCTACCTCGAGAGCTG 525
Db 2 GGACGACCAGGAGAGCTG 20
RESULT 460
US-10-336-215-72
; Sequence 72, Application US/10336215
; Publication No. US20030170852A1
; GENERAL INFORMATION:
; APPLICANT: Allikmets, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Luksi, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170852A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette
; TITLE OF INVENTION: Transporter
; FILE REFERENCE: APPI0089
; CURRENT APPLICATION NUMBER: US/10/336,215
; CURRENT FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 72
; LENGTH: 21
```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-215-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1389 CCTCACCAGCTGTTCAG 1407
| | | | | | | | | | | | | | | | | | | | |
Db 3 CATCACCAGCTGTTCAG 21

RESULT 461

US-10-336-219-72
; Sequence 72, Application US/10336219
; Publication No. US20030170853A1
; GENERAL INFORMATION:
; APPLICANT: Allikmets, Rando
; APPLICANT: Anderson, Kent L.
; APPLICANT: Dean, Michael
; APPLICANT: Leppert, Mark
; APPLICANT: Lewis, Richard A.
; APPLICANT: Li, Yixin
; APPLICANT: Lupski, James R.
; APPLICANT: Nathans, Jeremy
; APPLICANT: Rattner, Amir
; APPLICANT: Shroyer, No. US20030170853A1h F.
; APPLICANT: Singh, Nanda
; APPLICANT: Smallwood, Philip
; APPLICANT: Sun, Hui
; TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For
; FILE REFERENCE: BYLR0072
; CURRENT APPLICATION NUMBER: US/10/336,219
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 60/039,388
; PRIOR FILING DATE: 1997-02-27
; PRIOR APPLICATION NUMBER: 09/032,438
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 72
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-336-219-72

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1389 CCTCACCAGCTGTTCAG 1407
| | | | | | | | | | | | | | | | | | | | |
Db 3 CATCACCAGCTGTTCAG 21

RESULT 462

US-10-211-884-127
; Sequence 127, Application US/10211884
; Publication No. US20030175900A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James

; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P2931R1C1
; CURRENT APPLICATION NUMBER: US/10/211,884
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 127
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-127

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 507 GGGCTACCTGGAGAGCTG 525
| | | | | | | | | | | | | | | | | | | | |
Db 2 GGACGACGAGGAGAGCTG 20

RESULT 463

US-10-392-531-41/c
; Sequence 41, Application US/10392531
; Publication No. US20030176658A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,531
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-392-531-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCTTGTC 840
| | | | | | | | | | | | | | | | | | | | | |
Db 21 GAAGTCCCTCCTCAGGTGTC 3

RESULT 464
US-10-392-706-41/c
; Sequence 41, Application US/10392706
; Publication No. US20030176659A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,706
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-392-706-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCTTGTC 840
| | | | | | | | | | | | | | | | | | | | | |
Db 21 GAAGTCCCTCCTCAGGTGTC 3

RESULT 465
US-10-349-143-8100/c
; Sequence 8100, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8100
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-13666 for SEQ 235, in compleme
US-10-349-143-8100

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 392 CGGATGAGGTGCAGTCTCC 410
| | | | | | | | | | | | | | | | | | | | | |
Db 21 CAGATGATTGCGAGTCTCC 3

RESULT 466
US-10-198-695-41/c
; Sequence 41, Application US/10198695
; Publication No. US20040014650A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Laesser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
; TITLE OF INVENTION: IMMUNE FUNCTION
; FILE REFERENCE: 99-12
; CURRENT APPLICATION NUMBER: US/10/198,695
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-10-198-695-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 4.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCCTCACCCTTGTC 840
| | | | | | | | | | | | | | | | | | | | | |
Db 21 GAAGTCCCTCCTCAGGTGTC 3

RESULT 467
US-10-056-414-319
; Sequence 319, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:


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; APPLICATION NUMBER: US/08/291.932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 319:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 319:
US-10-056-414-319

Query Match          0.8%; Score 14; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 2.9e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCACATCTTGCAC 551
Db 1 CCCAUCUUGACAA 14

RESULT 468
US-09-827-998-541
; Sequence 541, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 541
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-541

Query Match          0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCA 300
Db 4 AACTTCGTTCTGCA 17

RESULT 469
US-09-827-998-542
; Sequence 542, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
```

```
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 542
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-542

Query Match          0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCA 300
Db 3 AACTTCGTTCTGCA 16

RESULT 470
US-09-864-785-157
; Sequence 157, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: 400/022 (MHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 157
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-157

Query Match          0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 3.5e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCACATCTTGCAC 551
Db 3 CCCAUCUUGACAA 16

RESULT 471
US-09-780-533A-760
; Sequence 760, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowriira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 760
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-760

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 83 CCCGCGGCTCTGAG 96
||| ||||| : |||
Db 1 CCCGCGGCTCTGAG 14

RESULT 472

US-09-780-533A-1785
; Sequence 1785, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1785
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-1785

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 83 CCCGCGGCTCTGAG 96
||| ||||| : |||
Db 3 CCCGCGGCTCTGAG 16

RESULT 473

US-09-780-533A-2332
; Sequence 2332, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2332
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-2332

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 3.5e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 83 CCCGCGGCTCTGAG 96
||| ||||| : |||
Db 4 CCCGCGGCTCTGAG 17

RESULT 474

US-09-848-754A-277/c
; Sequence 277, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 277
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-277

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1367 TTGATAGCGGCGG 1380
||| ||||| : |||
Db 17 TTGATAGCGGCGG 4

RESULT 475

US-09-848-754A-278/c
; Sequence 278, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 278
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-278

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1366 CTTGATAGCGGCGG 1379
||| ||||| : |||
Db 14 CTTGATAGCGGCGG 1

RESULT 476

US-09-792-818-73/c
; Sequence 73, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 73
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-73

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTGGGAAACTGGA 611
Db 16 TTGGGAAACTGGA 3

RESULT 477
US-09-792-818-74/c
; Sequence 74, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 74
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-74

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTGGGAAACTGGA 611
Db 15 TTGGGAAACTGGA 2

RESULT 478
US-09-792-818-75/c
; Sequence 75, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
```

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; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 75
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-75

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 598 TTGGGAAACTGGA 611
Db 14 TTGGGAAACTGGA 1

RESULT 479
US-10-675-685-541
; Sequence 541, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 541
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-541

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCA 300
Db 4 AACTTCGTTCTGCA 17

RESULT 480
US-10-675-685-542
; Sequence 542, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 542
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-542
```

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGCA 300
| | | | | | | | | | | | | | | | | |
DB 3 AACTTCGTTCTGCA 16

RESULT 481
US-10-238-700-2757
; Sequence 2757, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2757
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2757

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 103 CGCGCGCCCCCGCC 116
| | | | | | | | | | | | | | | | | |
DB 4 CGCGCGCCCCCGCC 17

RESULT 482
US-10-238-700-3612/c
; Sequence 3612, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3612
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3612

Query Match 0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 515 TCGAGAGCTGACC 528
| | | | | | | | | | | | | | | | | |
DB 17 TCGAGAGCTGACC 4

RESULT 483
US-10-229-370-9
; Sequence 9, Application US/10229370
; Publication No. US20030082600A1
; GENERAL INFORMATION:
; APPLICANT: Berlin, Kurt
; APPLICANT: Olek, Alexander
; TITLE OF INVENTION: Highly sensitive method for the detection of cytosine methylation
; FILE REFERENCE: 81859
; CURRENT APPLICATION NUMBER: US/10/229,370
; CURRENT FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-229-370-9

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 232 GGTGCTGCTGCGG 245
| | | | | | | | | | | | | | | | | |
DB 2 GGTGCTGCTGCGG 15

RESULT 484
US-10-388-263-206
; Sequence 206, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 206
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-206

Query Match 0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 232 GGTGCTGCTGCGG 245
| | | | | | | | | | | | | | | | | |
DB 1 GGTGCTGCTGCGG 14

RESULT 485
US-09-899-440-3/c

```
; Sequence 3, Application US/09899440
; Publication No. US20030092158A1
; GENERAL INFORMATION:
; APPLICANT: Stein, Cy
; TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES
; FILE REFERENCE: 0575/63180
; CURRENT APPLICATION NUMBER: US/09/899,440
; CURRENT FILING DATE: 2001-07-05
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: ()..()
; OTHER INFORMATION: antisense oligonucleotide LB65
US-09-899-440-3

Query Match          0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TCGTCTCCTGGGG 286
Db 14 TCGTCTCCTGGGG 1

RESULT 486
US-09-953-318-143/c
; Sequence 143, Application US/09953318
; Publication No. US20030105036A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-953-318-143

Query Match          0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
Db 18 CCACTTTTGACAAG 5

RESULT 487
US-10-446-373-143/c
; Sequence 143, Application US/10446373
; Publication No. US20030204076A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/10/446,373
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: US/09/953,318
; PRIOR FILING DATE: 2001-09-13
```

```
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-446-373-143

Query Match          0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
Db 18 CCACTTTTGACAAG 5

RESULT 488
US-10-073-22/c
; Sequence 22, Application US/10001073
; Publication No. US20030113725A1
; GENERAL INFORMATION:
; APPLICANT: Liggett, Stephen
; TITLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms
; FILE REFERENCE: 13073-PCT
; CURRENT APPLICATION NUMBER: US/10/001,073
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-001-073-22

Query Match          0.8%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1252 ATCTTAGGAACCC 1265
Db 17 ATCTTAGGAACCC 4

RESULT 489
US-09-776-874A-17/c
; Sequence 17, Application US/09776874A
; Patent No. US20020102560A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodaysky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; FILE REFERENCE: 01/22603
; CURRENT APPLICATION NUMBER: US/09/776,874A
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
```

US-09-776-874A-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCTGGG 286
|||||
DB 14 TGCTGCTCTCTGGG 1

RESULT 490

US-09-988-113-17/c
; Sequence 17, Application US/09988113
; Patent No. US20020168749A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodayevsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 01/22781
; CURRENT APPLICATION NUMBER: US/09/988,113
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: US 09/776,874
; PRIOR FILING DATE: 2001-02-06
; PRIOR APPLICATION NUMBER: US09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: US 09/109,386
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-988-113-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCTGGG 286
|||||
DB 14 TGCTGCTCTCTGGG 1

RESULT 491

US-10-184-085A-1096
; Sequence 1096, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1096
; LENGTH: 21
; TYPE: DNA

; ORGANISM: Homo sapiens
US-10-184-085A-1096

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCC 568
|||||
DB 8 CCTCAGCGCGCGCC 21

RESULT 492

US-10-184-085A-1133
; Sequence 1133, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1133
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-1133

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCC 568
|||||
DB 7 CCTCAGCGCGCGCC 20

RESULT 493

US-10-341-582-17/c
; Sequence 17, Application US/10341582
; Publication No. US20030161823A1
; GENERAL INFORMATION:
; APPLICANT: Neta Ilan
; APPLICANT: Israel Vlodayevsky
; APPLICANT: Oron Yacoby-Zeevi
; APPLICANT: Iris Pecker
; TITLE OF INVENTION: THERAPEUTIC AND COSMETIC USES OF HEPARANASES
; FILE REFERENCE: 25449
; CURRENT APPLICATION NUMBER: US/10/341,582
; CURRENT FILING DATE: 2003-01-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-341-582-17

Query Match 0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCTGGG 286
|||||

Db 14 TGCTGCTCTCTGGG 1

RESULT 494

US-10-340-097-24

; Sequence 24, Application US/10340097

; Publication No. US20030162276A1

; GENERAL INFORMATION:

; APPLICANT: Rattner, Amir

; APPLICANT: Sun, Hui

; APPLICANT: Lupski, James R.

; APPLICANT: Nathans, Jeremy

; APPLICANT: Anderson, Kent L.

; APPLICANT: Leppert, Mark

; APPLICANT: Dean, Michael

; APPLICANT: Singh, Nanda

; APPLICANT: Shroyer, No. US20030162276A1h F.

; APPLICANT: Allikmets, Rando

; APPLICANT: Lewis, Richard A.

; APPLICANT: Li, Yixin

; TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette

; TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify ATP

; FILE OF INVENTION: Transporter

; FILE REFERENCE: BYLR0065

; CURRENT APPLICATION NUMBER: US/10/340,097

; CURRENT FILING DATE: 2003-01-10

; PRIOR APPLICATION NUMBER: US/09/032,438A

; PRIOR FILING DATE: 1998-02-27

; PRIOR APPLICATION NUMBER: 60/039,388

; PRIOR FILING DATE: 1997-02-27

; NUMBER OF SEQ ID NOS: 120

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 24

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer

US-10-340-097-24

Query Match 0.8%; Score 14; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 4.8e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717

Db 8 AGGAGATCAGACTG 21

RESULT 495

US-10-336-215-24

; Sequence 24, Application US/10336215

; Publication No. US20030170852A1

; GENERAL INFORMATION:

; APPLICANT: Allikmets, Rando

; APPLICANT: Anderson, Kent L.

; APPLICANT: Dean, Michael

; APPLICANT: Leppert, Mark

; APPLICANT: Lewis, Richard A.

; APPLICANT: Li, Yixin

; APPLICANT: Lupski, James R.

; APPLICANT: Nathans, Jeremy

; APPLICANT: Rattner, Amir

; APPLICANT: Shroyer, No. US20030170852A1h F.

; APPLICANT: Singh, Nanda

; APPLICANT: Smallwood, Philip

; APPLICANT: Sun, Hui

; TITLE OF INVENTION: Methods Of Screening And Diagnostics Using ATP-Binding Cassette

; TITLE OF INVENTION: Transporter

; FILE REFERENCE: APPI0089

; CURRENT APPLICATION NUMBER: US/10/336,215

; CURRENT FILING DATE: 2003-04-11

Query Match 0.8%; Score 14; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 4.8e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717

Db 8 AGGAGATCAGACTG 21

RESULT 496

US-10-336-219-24

; Sequence 24, Application US/10336219

; Publication No. US20030170853A1

; GENERAL INFORMATION:

; APPLICANT: Allikmets, Rando

; APPLICANT: Anderson, Kent L.

; APPLICANT: Dean, Michael

; APPLICANT: Leppert, Mark

; APPLICANT: Lewis, Richard A.

; APPLICANT: Li, Yixin

; APPLICANT: Lupski, James R.

; APPLICANT: Nathans, Jeremy

; APPLICANT: Rattner, Amir

; APPLICANT: Shroyer, No. US20030170853A1h F.

; APPLICANT: Singh, Nanda

; APPLICANT: Smallwood, Philip

; APPLICANT: Sun, Hui

; TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For

; TITLE OF INVENTION: ATP-Binding Cassette Transporter

; FILE REFERENCE: BYLR0072

; CURRENT APPLICATION NUMBER: US/10/336,219

; CURRENT FILING DATE: 2003-01-03

; PRIOR APPLICATION NUMBER: 60/039,388

; PRIOR FILING DATE: 1997-02-27

; PRIOR APPLICATION NUMBER: 09/032,438

; PRIOR FILING DATE: 1998-02-27

; NUMBER OF SEQ ID NOS: 120

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer

US-10-336-219-24

Query Match 0.8%; Score 14; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 4.8e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717

Db 8 AGGAGATCAGACTG 21

RESULT 497

US-10-384-451-17/c

; Sequence 17, Application US/10384451

; Publication No. US20030170860A1

; PRIOR APPLICATION NUMBER: 60/039,388

; PRIOR FILING DATE: 1997-02-27

; PRIOR APPLICATION NUMBER: 09/032,438

; PRIOR FILING DATE: 1998-02-27

; NUMBER OF SEQ ID NOS: 120

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer

US-10-336-215-24

Query Match 0.8%; Score 14; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 4.8e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717

Db 8 AGGAGATCAGACTG 21

RESULT 496

US-10-336-219-24

; Sequence 24, Application US/10336219

; Publication No. US20030170853A1

; GENERAL INFORMATION:

; APPLICANT: Allikmets, Rando

; APPLICANT: Anderson, Kent L.

; APPLICANT: Dean, Michael

; APPLICANT: Leppert, Mark

; APPLICANT: Lewis, Richard A.

; APPLICANT: Li, Yixin

; APPLICANT: Lupski, James R.

; APPLICANT: Nathans, Jeremy

; APPLICANT: Rattner, Amir

; APPLICANT: Shroyer, No. US20030170853A1h F.

; APPLICANT: Singh, Nanda

; APPLICANT: Smallwood, Philip

; APPLICANT: Sun, Hui

; TITLE OF INVENTION: Methods Of Gene Therapy Using Nucleic Acid Sequences For

; TITLE OF INVENTION: ATP-Binding Cassette Transporter

; FILE REFERENCE: BYLR0072

; CURRENT APPLICATION NUMBER: US/10/336,219

; CURRENT FILING DATE: 2003-01-03

; PRIOR APPLICATION NUMBER: 60/039,388

; PRIOR FILING DATE: 1997-02-27

; PRIOR APPLICATION NUMBER: 09/032,438

; PRIOR FILING DATE: 1998-02-27

; NUMBER OF SEQ ID NOS: 120

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 24

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Oligonucleotide primer

US-10-336-219-24

Query Match 0.8%; Score 14; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 4.8e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 AGGAGATCAGACTG 717

Db 8 AGGAGATCAGACTG 21

RESULT 497

US-10-384-451-17/c

; Sequence 17, Application US/10384451

; Publication No. US20030170860A1

```
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25718
; CURRENT APPLICATION NUMBER: US/10/384,451
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-451-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      273 TGCTGCTCCTGGGG 286
Db      14 TGCTGCTCCTGGGG 1

RESULT 498
US-10-384-450-17/c
; Sequence 17, Application US/10384450
; Publication No. US20030190737A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-450-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      273 TGCTGCTCCTGGGG 286
Db      14 TGCTGCTCCTGGGG 1

RESULT 499
US-10-371-218A-17/c
; Sequence 17, Application US/10371218A
; Publication No. US20030217375A1
; GENERAL INFORMATION:
; APPLICANT: Zcharia, Eyal
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Metzger, Shula
; APPLICANT: Pecker, Iris
; APPLICANT: Ilan, Neta
; APPLICANT: Chajek-Shaul, Tova
; APPLICANT: Goldshmidt, Orit
; TITLE OF INVENTION: TRANSGENIC ANIMALS EXPRESSING HEPARANASE AND USES THEREOF
```

```
; FILE REFERENCE: 25783
; CURRENT APPLICATION NUMBER: US/10/371,218A
; CURRENT FILING DATE: 2003-07-01
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-371-218A-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      273 TGCTGCTCCTGGGG 286
Db      14 TGCTGCTCCTGGGG 1

RESULT 500
US-10-456-573-17/c
; Sequence 17, Application US/10456573
; Publication No. US20030236215A1
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: AND EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25677
; CURRENT APPLICATION NUMBER: US/10/456,573
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: US 09/435,739
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/258,892
; PRIOR FILING DATE: 1999-03-01
; PRIOR APPLICATION NUMBER: PCT/US98/17954
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: US 08/922,170
; PRIOR FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-456-573-17

Query Match      0.8%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      273 TGCTGCTCCTGGGG 286
Db      14 TGCTGCTCCTGGGG 1

RESULT 501
US-09-866-108-1526/c
; Sequence 1526, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
```


APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1526
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1526

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 986 AGCCCAAGACCTGCTC 1002
||||| |||||||
Db 17 AGCCCAATCAGCTGCTC 1

RESULT 502
US-09-866-108-6795/c
Sequence 6795, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 6795
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6795

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 553 CCCTCAGCGCGCCT 569
||||| |||||||
Db 17 CCCACAGCCAGCGCCT 1

RESULT 503
US-09-866-108-6796/c
Sequence 6796, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 6796
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6796

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCCTCAGCGCGGCC 568
|||||
Db 17 GCCCCTCAGCGCGGCC 1

RESULT 504

US-09-866-108-8045
; Sequence 8045, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 10010
; LENGTH: 17
; TYPE: DNA
; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 8045
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8045

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGGATGAAGAAGAT 143
|||||
Db 1 GATCGGATGAAGAAGAT 17

RESULT 505

US-09-866-108-10010
; Sequence 10010, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 10010
; LENGTH: 17
; TYPE: DNA

; ORGANISM: Homo sapiens
US-09-866-108-10010

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CGTCCTCGATGAGGTG 402
|||||
Db 1 CGTCCTCGAGGCGGTG 17

RESULT 506

US-09-866-108-10664/c
; Sequence 10664, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aeomica Sequence Listing Engine

; SEQ ID NO 10664

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-10664

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTGGCC 1042
|||||
Db 17 GCTGGCTGCTGGCC 1

RESULT 507

US-09-827-998-575

; Sequence 575, Application US/09827998

; Patent No. US20020102252A1

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDHMOF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aeomica Sequence Listing Engine

; SEQ ID NO 575

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-827-998-575

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
|||||

Db 1 AGAGGAGAGAGGTCAAG 17

RESULT 508

US-09-827-998-576

; Sequence 576, Application US/09827998

; Patent No. US20020102252A1

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDHMOF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aeomica Sequence Listing Engine

; SEQ ID NO 576

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-827-998-576

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGGAGAGCTCAAGC 1027
|||||

Db 1 GAGGAGAGAGGTCAAGC 17

RESULT 509

US-09-785-548-8/c

; Sequence 8, Application US/09785548

; Patent No. US20020155577A1

; GENERAL INFORMATION:

; APPLICANT: AVENTIS PHARMACEUTICALS, INC.

; TITLE OF INVENTION: COMPOSITIONS THAT CAN BE USED FOR REGULATING THE ACTIVITY OF PAI

```
; FILE REFERENCE: ST00005
; CURRENT APPLICATION NUMBER: US/09/785,548
; CURRENT FILING DATE: 2001-02-20
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Oligonucleotide
US-09-785-548-8

Query Match          0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 966 GGTGCTACACCGAGACC 982
   ||||| ||||| |||||
Db 17 GATGCCACACCGAGACC 1

RESULT 510
US-09-730-289B-526/c
; Sequence 526, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBH00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 526
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-526

Query Match          0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 620 TTAAGCTGGCAAACTG 636
   ||||| ||||| |||||
Db 17 TTAAGCTGGCAAGCTG 1

RESULT 511
US-09-848-754A-1433
; Sequence 1433, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1433
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1433

Query Match          0.8%; Score 13.8; DB 1; Length 17;
```

```
Best Local Similarity 76.5%; Pred. No. 3.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGCTCATC 1005
   ||||| ||||| |||||
Db 1 CCCAGUACCGUCUACAC 17

RESULT 512
US-09-848-754A-2295/c
; Sequence 2295, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2295
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2295

Query Match          0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 953 GCCACCGCAGAGGTG 969
   ||||| ||||| |||||
Db 17 GCCACCGCAGAGGTG 1

RESULT 513
US-09-848-754A-2620/c
; Sequence 2620, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2620
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2620

Query Match          0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 211 CAGATAGGCGCTGGATGA 227
   ||||| ||||| |||||
Db 17 CAGTTGGGCGCTGGATGA 1

RESULT 514
US-09-930-423-185/c
; Sequence 185, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
```

; FILE REFERENCE: MBHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-185

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGCGCA 735
DB 17 AGCATGAAGAGGGCGCA 1

RESULT 515
US-09-827-395A-632
; Sequence 632, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-632

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGCGGCTGG 946
DB 1 GCUGUCCGCGGCGUGG 17

RESULT 516
US-09-740-332-652/c
; Sequence 652, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-652

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GCAGAGATCCCATGAA 1448
DB 17 GCAGAGATCCCATGCA 1

RESULT 517
US-09-740-332-1574
; Sequence 1574, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: Hepatitis C Virus Infection
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1574

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 3.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 351 GCGGTCGTGATGGGAGA 367
DB 1 GCGGTCGTGCGGGAGA 17

RESULT 518
US-09-745-237A-185/c
; Sequence 185, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 185
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-185

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGCGCA 735
DB 17 AGCATGAAGAGGGCGCA 1

```
RESULT 519
US-09-817-879-652/c
; Sequence 652, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-652
```

```
Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1432 GCAGGAGTGCATGAA 1448
Db 17 GGAGGAGTGCATGCA 1
```

```
RESULT 520
US-09-817-879-1574
; Sequence 1574, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1574
```

```
Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 3.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 351 GGGTCTGATGGGAGA 367
Db 1 GGGGUCGCGGGGAGA 17
```

```
RESULT 521
US-10-675-685-575
; Sequence 575, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
```

```
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Ascomica Sequence Listing Engine
; SEQ ID NO 575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-575
```

```
Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGAGAGCTCAAG 1026
Db 1 AGAGGAGAGAGGTCAAG 17
```

```
RESULT 522
US-10-675-685-576
; Sequence 576, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Ascomica Sequence Listing Engine
; SEQ ID NO 576
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-576
```

```
Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGAGAGCTCAAGC 1027
Db 1 GAGGAGAGAGGTCAAGC 17
```

```
RESULT 523
US-09-927-046-808
; Sequence 808, Application US/09927046
; Publication No. US2003064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channels
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
```

; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 808
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-808

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 3.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1571 ACTCAGGCGCCAGCT 1587
| : ||| ||| ||| :
Db 1 AAUACAGCAGCCAGCU 17

RESULT 524

US-09-927-046-809
; Sequence 809, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 809
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-809

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1575 AGCAGGCGCCAGCTTCC 1591
| : ||| ||| ||| :
Db 1 AAGCAGGCGCCAGCUUUC 17

RESULT 525

US-09-927-046-1498
; Sequence 1498, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1498
; LENGTH: 17
; TYPE: RNA

; ORGANISM: Homo sapiens
US-09-927-046-1498

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 3.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1569 TGACTCAGGCGCCAG 1585
| : ||| ||| ||| :
Db 1 UGAUACAGCAGCCAG 17

RESULT 526

US-10-430-882-632
; Sequence 632, Application US/10430882
; Publication No. US20030203870A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; APPLICANT: Peter Haerberli
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MEHB00-878-H (400/112)
; CURRENT APPLICATION NUMBER: US/10/430,882
; CURRENT FILING DATE: 2003-05-06
; PRIOR FILING DATE: 09/827,395
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: PCT/US01/04273
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/10512
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-430-882-632

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCGTGGCTGG 946
| : ||| ||| ||| :
Db 1 GCUGUUCGCGCCUGG 17

RESULT 527

US-10-060-998-61
; Sequence 61, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 61
; LENGTH: 17

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-61

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1251 TATCTTAGGACCCCAA 1267
      ||||| ||||| |||||
Db 1 TATCTTAGGATCCCAA 17

RESULT 528
US-10-163-552-557
; Sequence 557, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163.552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 557
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-557

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 3.9e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 654 CACCGTCTACAAAGGCA 670
      ||| |:||| |||||
Db 1 CACAGUCUACAAGGGCA 17

RESULT 529
US-10-156-306-5038/c
; Sequence 5038, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5038
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5038

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 30 GCAGAGGTAGCAGGAG 46
      ||||| ||||| |||||
Db 17 GCAGAGGTAGCAGGGG 1

RESULT 530
US-10-238-700-17/c
; Sequence 17, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238.700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-17

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 559 AGCGCGCGCTCCGTCG 575
      ||||| ||||| |||||
Db 17 AGCGCGCGCACCTTCG 1

RESULT 531
US-10-238-700-3492/c
; Sequence 3492, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238.700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3492
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3492

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1627 GCGCCGACGACGAGCG 1643
      ||||| ||||| |||||
Db 17 GCGCCGACGACGAGTG 1

RESULT 532
US-10-061-201-108/c
; Sequence 108, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061.201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
```



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RESULT 533
US-10-061-201-280/c
; Sequence 280, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00666
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00667
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00664
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00669
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00665
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00668
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00663
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/00670
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: US 09/864,761
; PRIORITY FILING DATE: 2001-05-23
; PRIORITY APPLICATION NUMBER: US 60/328,205
; PRIORITY FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 280
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-280

```

```

RESULT 535
US-10-230-0190
; Sequence 2196, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; FILE REFERENCE: 400/056 (MBH001-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: Patent in version 3.0

```

```
; SEQ ID NO 2190
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-2190

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 317 CTGCACACGAGATTGTG 333
Db 1 CUGCACCAGGACUGUG 17

RESULT 536
US-10-230-006-2191
; Sequence 2191, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
; FILE REFERENCE: 400/056 (MBH01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2191
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-2191

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 3.9e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 318 TGCACACGAGATTGTGC 334
Db 1 UGCACACGAGGACUGUC 17

RESULT 537
US-09-911-860A-3
; Sequence 3, Application US/09911860A
; Publication No. US20030104383A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Kanji
; APPLICANT: Ueno, Toshihiro
; TITLE OF INVENTION: Nucleic Acid, Nucleic Acid for Detecting Chlorinated Ethylene-Dec
; TITLE OF INVENTION: Bacteria, Probe, Method of Detecting Chlorinated Ethylene-Decomp
; TITLE OF INVENTION: and Method of Decomposing Chlorinated Ethylene or Ethane
; FILE REFERENCE: 9659/01377-US0
; CURRENT APPLICATION NUMBER: US/09/911,860A
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: JP2000-227580
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: JP2001-066001
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-911-860A-3
```

```
Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 596 GCTTTGGGAAACTGGAG 612
Db 1 GCTTCGGGAAACTGAAG 17

RESULT 538
US-09-823-885-3
; Sequence 3, Application US/09823885
; Publication No. US20030165044A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: McCoy, John M.
; APPLICANT: Lavallie, Edward R.
; APPLICANT: Collins-Racie, Lisa A.
; APPLICANT: Evans, Cheryl
; APPLICANT: Merberg, David
; APPLICANT: Treacy, Maurice
; APPLICANT: Genetics Institute, Inc.
; TITLE OF INVENTION: NOVEL PROTEINS
; FILE REFERENCE: GIN-6507CP
; CURRENT APPLICATION NUMBER: US/09/823,885
; CURRENT FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: US 60/193,769
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-823-885-3

Query Match      0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 627 GGACAAACTGGCGGAGG 643
Db 2 GGACAAACTGGCGGAG 18

RESULT 539
US-10-016-248-68
; Sequence 68, Application US/10016248
; Publication No. US20040033491A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-218
; CURRENT APPLICATION NUMBER: US/10/016,248
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/254,329
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/291,037
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/255,648
; PRIOR FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: 60/297,173
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/309,258
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/326,393
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/315,639
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-016-248-68

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 555 CCTCAGCCGCGCCCTCC 571
DB 1 CCTCAGCGTCGCGCTCC 17

RESULT 540
US-10-156-610-19/c
; Sequence 19, Application US/10156610
; Publication No. US20030050270A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: ISPH-0666
; CURRENT APPLICATION NUMBER: US/10/156,610
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 09/856,246
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: PCT/US99/16959
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/197,008
; PRIOR FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 83
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-156-610-19

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CACCCTTGCTCTTGAGT 847
DB 17 CACCCTGCGCTTTGAGT 1

RESULT 541
US-10-133-779-127/c
; Sequence 127, Application US/10133779
; Publication No. US20030165884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonai, Richard
; APPLICANT: StemCytex, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 127
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-127

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 503 CTGAGGGCTACCTGGAG 519
DB 18 CTGAAGCCTACCTGGAG 2

RESULT 542
US-10-168-445-2
; Sequence 2, Application US/10168445
; Publication No. US20030177518A1
; GENERAL INFORMATION:
; APPLICANT: Osbourn, Anne E
; APPLICANT: Haralampidis, Kosmas
; APPLICANT: Bryan, Gregory T
; TITLE OF INVENTION: Plant Gene
; FILE REFERENCE: 0380-P02892US0
; CURRENT APPLICATION NUMBER: US/10/168,445
; CURRENT FILING DATE: 2002-10-30
; PRIOR APPLICATION NUMBER: PCT/GB00/04908
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: GB 9930394.3
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: GB 0020217.6
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-10-168-445-2

Query Match          0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1079 CCAATGAGGTGGTGACA 1095
DB 2 CCCATGAGGTGGTGACA 18

RESULT 543
US-10-388-263-281/c
; Sequence 281, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
```

```

/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 281
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleo
US-10-368-263-281

```

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. NO. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 544
US-10-428-868-22
; Sequence 22, Application US/10428868
; Publication No. US20030235532A1

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 545
US-09-891-517-90/c
; Sequence 90, Application US/09891517
; Patent No. US20020106653A1

```

; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 90
; LENGTH: 19

```

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 546
US-09-891-517-97
; Sequence 97, Application US/09891517
; Patent No. US20020106653A1

```
Query Match          0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

RESULT 547
US-09-891-517-105/c
; Sequence 105, Application US/09891517
; Patent No. US20020106653A1

```

Query Match          0.81; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1721 GCCATGTTCACTGCC 1737

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RESULT 551
US-09-782-516-1/c
; Sequence 1, Application US/09782516
; Patent No. US20020072095A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplification
; TITLE OF INVENTION: Reactions
; FILE REFERENCE: 0942.114000B
; CURRENT APPLICATION NUMBER: US/09/782.516
; CURRENT FILING DATE: 2001-02-14

PRIOR APPLICATION NUMBER: US 09/344,491
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: US 08/962,701
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: US 08/221,465
PRIOR FILING DATE: 1994-04-01
PRIOR APPLICATION NUMBER: US 08/079,835
PRIOR FILING DATE: 1993-06-22
PRIOR APPLICATION NUMBER: US 07/728,874
PRIOR FILING DATE: 1991-07-12
PRIOR APPLICATION NUMBER: US 07/633,389
PRIOR FILING DATE: 1990-12-31
PRIOR APPLICATION NUMBER: US 07/401,840
PRIOR FILING DATE: 1989-09-01
PRIOR APPLICATION NUMBER: US 07/360,120
PRIOR FILING DATE: 1989-06-01
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Primer
US-09-782-516-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
DB 17 CAAGACATACATCGACC 1

RESULT 552

US-09-782-516-3/c
Sequence 3, Application US/09782516
Patent No. US20020072095A1
GENERAL INFORMATION:
APPLICANT: Hartley, James L.
APPLICANT: Berninger, Mark
TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplifica
TITLE OF INVENTION: Reactions
FILE REFERENCE: 0942.114000B
CURRENT APPLICATION NUMBER: US/09/782,516
CURRENT FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: US 09/344,491
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: US 08/962,701
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: US 08/221,465
PRIOR FILING DATE: 1994-04-01
PRIOR APPLICATION NUMBER: US 08/079,835
PRIOR FILING DATE: 1993-06-22
PRIOR APPLICATION NUMBER: US 07/728,874
PRIOR FILING DATE: 1991-07-12
PRIOR APPLICATION NUMBER: US 07/633,389
PRIOR FILING DATE: 1990-12-31
PRIOR APPLICATION NUMBER: US 07/401,840
PRIOR FILING DATE: 1989-09-01
PRIOR APPLICATION NUMBER: US 07/360,120
PRIOR FILING DATE: 1989-06-01
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 20
TYPE: RNA
ORGANISM: Primer
US-09-782-516-3

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
DB 17 CAAGACATACATCGACC 1

RESULT 553

US-09-939-581A-12/c
Sequence 12, Application US/09939581A
Patent No. US20020102245A1
GENERAL INFORMATION:
APPLICANT: Hermeking, Heiko
APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth
TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
FILE REFERENCE: 1107.77810
CURRENT APPLICATION NUMBER: US/09/939,581A
CURRENT FILING DATE: 2001-08-28
PRIOR APPLICATION NUMBER: 09/210,748
PRIOR FILING DATE: 1998-12-15
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR PRIMER
US-09-939-581A-12

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTGCACCAAGG 859
DB 18 TGAGTACCGGAGAAGG 2

RESULT 554

US-09-791-243-66
Sequence 66, Application US/09791243
Patent No. US20020147164A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Robert Rothlein
APPLICANT: Takashi Kei Kishimoto
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
FILE REFERENCE: RTS-0095
CURRENT APPLICATION NUMBER: US/09/791,243
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-243-66

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 733 GCACCTCTGCACCGCCAT 749
DB 4 GCGCCTCTGCACCGCCCT 20

RESULT 555

US-09-791-942-77
Sequence 77, Application US/09791942
Patent No. US20020147166A1

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0099
; CURRENT APPLICATION NUMBER: US/09/791,942
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-942-77

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1571 ACTCGGCGAGCCAGCT 1587
|||||
Db 4 ACTCTGGCAGCCATCT 20

RESULT 556
US-09-766-450-18/c
; Sequence 18, Application US/09766450
; Publication No. US20030022166A1
; GENERAL INFORMATION:
; APPLICANT: Collins, Colin
; APPLICANT: Volik, Stanislav
; APPLICANT: Gray, Joe W.
; APPLICANT: Albertson, Donna G.
; APPLICANT: Pinkel, Daniel
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Repeat-Free Probes for Molecular
; FILE REFERENCE: Cyto genetics
; FILE REFERENCE: 023071-111800US
; CURRENT APPLICATION NUMBER: US/09/766,450
; CURRENT FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer 656003.1.r1
US-09-766-450-18

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 60 ACTGCTGAACCCAGGG 76
|||
Db 17 ACAGCTGAATCCAGGG 1

RESULT 557
US-09-932-367A-113
; Sequence 113, Application US/09932367A
; Publication No. US20030027152A1
; GENERAL INFORMATION:
; APPLICANT: RHODES, Simon J.
; APPLICANT: BRIDWELL, Jeanne L.
; APPLICANT: MEIER, Bradley C.
; APPLICANT: PARKER, Gretchen E.
; APPLICANT: PRICE, Jeffrey R.
; APPLICANT: SHOWALTER, Aaron D.
```

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; APPLICANT: SLOOP, Kyle W.
; TITLE OF INVENTION: GENERATION OF DIAGNOSTIC TOOLS TO ASSAY THE HUMAN
; FILE REFERENCE: LHX3/P-LIM/LIM-3 FACTOR
; CURRENT APPLICATION NUMBER: US/09/932,367A
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/04424
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/121,110
; PRIOR FILING DATE: 1999-02-22
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-09-932-367A-113

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 389 CCTCGGATGAGGTGCAG 405
|||||
Db 1 CCTCGGTGAGGTGCAG 17

RESULT 558
US-09-976-800-47
; Sequence 47, Application US/09976800
; Publication No. US2003007795A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREI
; FILE REFERENCE: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; FILE REFERENCE: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/09/976,800
; CURRENT FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-976-800-47

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
|||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 559
US-09-776-479-1019
; Sequence 1019, Application US/09776479
; Publication No. US20030087848A1
```

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; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1547 GCCTTCGGTCTTCGTCG 1563
Db 1 GCCTTCGATCTTCGTTG 17

RESULT 560
US-09-776-479-1019
; Sequence 1019, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1547 GCCTTCGGTCTTCGTCG 1563
Db 1 GCCTTCGATCTTCGTTG 17

RESULT 561
US-09-953-047-68
; Sequence 68, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157

; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1547 GCCTTCGGTCTTCGTCG 1563
Db 1 GCCTTCGATCTTCGTTG 17

RESULT 562
US-10-642-802-173/c
; Sequence 173, Application US/10642802
; Publication No. US20040043956A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/642,802
; CURRENT FILING DATE: 2003-08-18
; PRIOR APPLICATION NUMBER: US/10/001,076
; PRIOR FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-642-802-173

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 977 GAGACCTCAAGCCCGAG 993
Db 2 GAGACCCCAAGCCCGCTG 18

RESULT 563
US-10-333-429-555/c
; Sequence 555, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-0830502PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-16
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind

; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1019

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1547 GCCTTCGGTCTTCGTCG 1563
Db 1 GCCTTCGATCTTCGTTG 17

RESULT 564
US-10-642-802-173/c
; Sequence 173, Application US/10642802
; Publication No. US20040043956A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/642,802
; CURRENT FILING DATE: 2003-08-18
; PRIOR APPLICATION NUMBER: US/10/001,076
; PRIOR FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-642-802-173

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 977 GAGACCTCAAGCCCGAG 993
Db 2 GAGACCCCAAGCCCGCTG 18

RESULT 565
US-10-333-429-555/c
; Sequence 555, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-0830502PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-16
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
```


; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 9-24 for SEQ 533,
US-10-333-429-555

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1417 CGAATCGGATCTCCGC 1433
||||| ||||| ||||| |||||
Db 20 CGAATAGGATCTCAGC 4

RESULT 564

US-10-467-019-35/c
; Sequence 35, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1e1 Physiological Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467,019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-0266820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, RBV8-WR2 primer
US-10-467-019-35

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACTCTGGA 878
||||| ||||| ||||| |||||
Db 19 CTGAAGCAGGAGCTGGA 3

RESULT 565

US-10-630-401-68
; Sequence 68, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-68

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 977 GAGACCTCAAGCCCGAG 993
||||| ||||| ||||| |||||
Db 2 GAGACCCCAAGCCCGCTG 18

RESULT 566

US-10-168-273B-11/c
; Sequence 11, Application US/10168273B
; Publication No. US20040058324A1
; GENERAL INFORMATION:
; APPLICANT: Yano, Masahiro
; APPLICANT: Yamanouchi, Utako
; TITLE OF INVENTION: PLANT LESION FORMATION SUPPRESSING GENE, SPL7 AND USE THEREOF
; FILE REFERENCE: 23572-005 NATL
; CURRENT APPLICATION NUMBER: US/10/168,273B
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: PCT/JP01/09153
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: JP 2000-318557
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized primer sequence
US-10-168-273B-11

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 TCAGCCAGCTCTCTCGGA 395
||||| ||||| ||||| |||||
Db 20 TCAGCCAGCGCCACGGA 4

RESULT 567

US-09-923-517-9
; Sequence 9, Application US/09923517
; Publication No. US20020039741A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517
; FILING DATE: 07-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-923-517-9

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 552 GCCCCTGAGCGCGCC 568
Db 2 GCCCCTGAGCGCGGAC 18

RESULT 568
US-09-771-357-42/c
; Sequence 42, Application US/09771357
; Publication No. US20030017454A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUKUMAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William
; APPLICANT: DAVIDSON, Nancy
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630
; CURRENT APPLICATION NUMBER: US/09/771,357
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-771-357-42

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 843 TGAGTACCTGGACAAGG 859
Db 18 TGAGTACCGGAGAAGG 2

RESULT 569
US-09-888-361-71/c
; Sequence 71, Application US/09888361
; Publication No. US2003006494A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/888,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-71

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1202 CCTCTTTTCGGGCTCC 1218
Db 19 CCATCTTTCTGGGCTCC 3

RESULT 570
US-10-159-942-66
; Sequence 66, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-66

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 873 CCTGGATGACTGTGGGA 889
Db 4 CGTGGATGACTGTGAGA 20

RESULT 571
US-10-159-942-122/c
; Sequence 122, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-942-122

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 873 CCTGGATGACTGTGGGA 889
Db 17 CGTGGATGACTGTGAGA 1

RESULT 572
US-10-160-787-74/c
; Sequence 74, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCNAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787

RESULT 573
US-10-160-787-74
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1436 AGGATGCCATGAACAT 1452
| | | | | | | | | | | | | | | | | | | | | |
Db 20 AAGAGGCCATGAACAT 4

RESULT 573
US-10-160-787-80/c
; Sequence 80, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1525 ATTCAGCTACAAAAGGA 1541
| | | | | | | | | | | | | | | | | | | | | |
Db 20 ATTCAGTGC AAAAGGA 4

RESULT 574
US-10-160-787-136
; Sequence 136, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1525 ATTCAGCTACAAAAGGA 1541
| | | | | | | | | | | | | | | | | | | | | |
Db 1 ATTCAGTGC AAAAGGA 17

RESULT 575
US-10-161-996-44
; Sequence 44, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 505 GAGGGCTACCTGGAGAA 521
| | | | | | | | | | | | | | | | | | | | | |
Db 2 GAGGGCTCTCTGCAGAA 18

RESULT 576
US-10-161-996-105/c
; Sequence 105, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1729 CACCTGCCACTTGTC 1745
| | | | | | | | | | | | | | | | | | | | | |
Db 17 CACCTGCCACTTGTC 1

RESULT 577
US-10-161-996-112/c
; Sequence 112, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 112
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-112

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 TGGCGCAGTGACCTG 256
||| ||||| ||||| |||||
Db 20 TGGTGGCAGTGACTCTG 4

RESULT 578
US-10-161-996-181/c
; Sequence 181, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 181
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-161-996-181

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGAA 521
||| ||||| ||||| |||||
Db 19 GAGGCTTCTTGCAGAA 3

RESULT 579
US-10-161-996-229
; Sequence 229, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 229
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-161-996-229

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1729 CACCTGCCCACTTGTC 1745
||| ||||| ||||| |||||
Db 4 CACCTGCACCTTGTC 20

RESULT 580
US-10-161-996-236
; Sequence 236, Application US/10161996
; Publication No. US20030224515A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0395
; CURRENT APPLICATION NUMBER: US/10/161,996
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 273
; SEQ ID NO 236
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-161-996-236

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 240 TGGCGCAGTGACCTG 256
||| ||||| ||||| |||||
Db 1 TGGTGGCAGTGACTCTG 17

RESULT 581
US-10-181-874-21
; Sequence 21, Application US/10181874
; Publication No. US20030212020A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTSP-0351
; CURRENT APPLICATION NUMBER: US/10/181,874
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: 09/489,869
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-874-21

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 39 GGCAGAGGACCGAG 55
||| ||||| ||||| |||||
Db 2 GGCAGAGGACCGAG 18

RESULT 582
US-10-314-578-1019

```
; Sequence 1019, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1019
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1019

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGCTCTTCGTCG 1563
DB 1 GCCCTCGATCTTCGTTG 17

RESULT 583
US-10-287-971-318/c
; Sequence 318, Application US/10287971
; Publication No. US20040067882A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, et al
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-480A
; CURRENT APPLICATION NUMBER: US/10/287,971
; CURRENT FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: 09/997,425
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 10/035,568
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/338,626
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/401,479
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 60/333,072
; PRIOR FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 60/348,283
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 60/393,262
; PRIOR FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/406,181
; PRIOR FILING DATE: 2002-08-26
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 318
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-971-318

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
```

```
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1240 TTCATCTTCGTAATCTT 1256
DB 18 TTCATCTTCGCAATTTT 2

RESULT 584
US-10-057-550-83/c
; Sequence 83, Application US/10057550
; Publication No. US20030032607A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/057,550
; CURRENT FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/506,073
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-83

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1152 TGACATCTGGGCTGTGG 1168
DB 17 TGAGATGTGTGTGTGG 1

RESULT 585
US-10-138-838-47
; Sequence 47, Application US/10138838
; Publication No. US20030049821A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/138,838
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
```

; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-838-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
|||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 586

US-10-139-031-47
; Sequence 47, Application US/10139031
; Publication No. US20030049822A1

; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.

; APPLICANT: Craft, David L.

; APPLICANT: Eirich, Dudley

; APPLICANT: Eshoo, Mark

; APPLICANT: Madduri, Krishna M.

; APPLICANT: Cornett, Cathy A.

; APPLICANT: Brenner, Alfred A.

; APPLICANT: Tang, Maria

; APPLICANT: Loper, John C.

; APPLICANT: Gleeson, Martin

; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME

; TITLE OF INVENTION: P450 OXIDOREDUCTASE

; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF

; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO

; FILE REFERENCE: 1010-16

; CURRENT APPLICATION NUMBER: US/10/139,031

; CURRENT FILING DATE: 2002-05-03

; PRIOR APPLICATION NUMBER: US/09/976,800

; PRIOR FILING DATE: 2001-10-12

; NUMBER OF SEQ ID NOS: 118

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 47

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-139-031-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
|||||
Db 2 AGAGGGCAGGGCTCAAG 18

RESULT 587

US-10-112-653-972

; Sequence 972, Application US/10112653

; Publication No. US20030050268A1

; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.

; APPLICANT: Berg, Daniel J.

; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR

; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES

; FILE REFERENCE: C01039/70060(AWS)

; CURRENT APPLICATION NUMBER: US/10/112,653

; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 972
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-972

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTGCG 1563
|||||
Db 1 GCCTTCGATCTTCGTG 17

RESULT 588

US-10-017-995-1019

; Sequence 1019, Application US/10017995

; Publication No. US2003005014A1

; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.

; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids

; FILE REFERENCE: C1037/7025 (HCL/MAT)

; CURRENT APPLICATION NUMBER: US/10/017,995

; CURRENT FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: US 60/255,534

; PRIOR FILING DATE: 2000-12-14

; NUMBER OF SEQ ID NOS: 1093

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 1019

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Synthetic Sequence

US-10-017-995-1019

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1547 GCCTTCGGTCTTCGTGCG 1563
|||||
Db 1 GCCTTCGATCTTCGTG 17

RESULT 589

US-10-138-905-47

; Sequence 47, Application US/10138905

; Publication No. US20030068800A1

; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.

; APPLICANT: Craft, David L.

; APPLICANT: Eirich, Dudley

; APPLICANT: Eshoo, Mark

; APPLICANT: Madduri, Krishna M.

; APPLICANT: Cornett, Cathy A.

; APPLICANT: Brenner, Alfred A.

; APPLICANT: Tang, Maria

; APPLICANT: Loper, John C.

; APPLICANT: Gleeson, Martin

; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME

; TITLE OF INVENTION: P450 OXIDOREDUCTASE

; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF

; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO

; FILE REFERENCE: 1010-16

Mon May 3 11:01:52 2004

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; CURRENT APPLICATION NUMBER: US/10/138,905
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-905-47

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
Db 2 AGAGGGCAGGCTCAAG 18

RESULT 590
US-10-138-916-47
; Sequence 47, Application US/10138916
; Publication No. US2003007320A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF C
; TITLE OF INVENTION: TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/138,916
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: 09/976,800
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: US 09/302,602
; PRIOR FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-916-47

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
Db 2 AGAGGGCAGGCTCAAG 18

RESULT 591
US-10-244-401A-1/c
; Sequence 1, Application US/10244401A
; Publication No. US20030077637A1
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; APPLICANT: Berninger, Mark
; TITLE OF INVENTION: Process for Controlling Contamination of
; TITLE OF INVENTION: Nucleic Acid Amplification Reactions
; FILE REFERENCE: 0942.114000C
; CURRENT APPLICATION NUMBER: US/10/244,401A
; CURRENT FILING DATE: 2002-09-17
; PRIOR APPLICATION NUMBER: US 09/782,516
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01

```

```
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer containing deoxyuridine
US-10-244-401A-3

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACAACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 593
US-10-010-802-355/c
; Sequence 355, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaissance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: 4 Receptor Alpha Gene
; FILE REFERENCE: MWH-0002US2 ILAR alpha
; CURRENT APPLICATION NUMBER: US/10/010.802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 355
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-355

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 681 CACAGACAACCTTGTGG 697
Db 20 CACAGACCCCTTGTGG 4

RESULT 594
US-10-216-373-9
; Sequence 9, Application US/10216373
; Publication No. US20030096750A1
; GENERAL INFORMATION:
; APPLICANT: Tombran-Tink, Joyce
; APPLICANT: Steele, Fintan R
; APPLICANT: Chader, Gerald J
; APPLICANT: Becerra, Sofia P
; APPLICANT: Johnson, Lincoln V
; APPLICANT: Rodriguez, Ignacio R
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
; FILE REFERENCE: 2026-4203US1
; CURRENT APPLICATION NUMBER: US/10/216.373
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US/08/520.373
; PRIOR FILING DATE: 1995-08-29
; PRIOR APPLICATION NUMBER: 08/377,710
```

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; PRIOR FILING DATE: 1995-01-25
; PRIOR APPLICATION NUMBER: 08/279,979
; PRIOR FILING DATE: 1994-07-25
; PRIOR APPLICATION NUMBER: 07/894,215
; PRIOR FILING DATE: 1992-06-04
; PRIOR APPLICATION NUMBER: 07/952,796
; PRIOR FILING DATE: 1992-09-24
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PRIMER
; FEATURE:
; OTHER INFORMATION: PRIMER 603
US-10-216-373-9

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCAGGCGCGGCTG 1647
Db 2 CAAGCTGGCAGCGGCTG 18

RESULT 595
US-10-001-076-173/c
; Sequence 173, Application US/10001076
; Publication No. US20030096775A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/001.076
; CURRENT FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 173
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-076-173

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 TCGATGAGGTGCAGTC 407
Db 20 TCAGATGAGGTGCAGGC 4

RESULT 596
US-10-007-078-29
; Sequence 29, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007.078
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
```



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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-29

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 568 CTCGCTGCTGTCAGCT 584
Db 1 CTCGCTGCTGTCATCT 17

RESULT 597
US-10-006-430-72/c
; Sequence 72, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-72

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1700 ACTCTGCTGCTACTGTC 1716
Db 17 ACTCTGCTGCTTCATGC 1

RESULT 598
US-10-325-881-21/c
; Sequence 21, Application US/10325881
; Publication No. US20030119047A1
; GENERAL INFORMATION:
; APPLICANT: YOSHIKAWA, YOSHIE
; APPLICANT: MUKAI, HIROYUKI
; APPLICANT: ASADA, KIYOZO
; APPLICANT: HINO, FUMITSUGU
; APPLICANT: KATO, IKUNOSHIN
; TITLE OF INVENTION: CANCER-ASSOCIATED GENES
; FILE REFERENCE: 1422-388P
; CURRENT APPLICATION NUMBER: US/10/325,881
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US/09/377,497
; PRIOR FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: any n or Xaa = unknown
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-325-881-21

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1055 AGTCAATCCCAACAAG 1071
Db 17 AGTCAATCCCAACAAG 1

RESULT 599
US-10-059-579-42/c
; Sequence 42, Application US/10059579
; Publication No. US20030138783A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUKUMAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William C.
; APPLICANT: DAVIDSON, Nancy
; APPLICANT: FACKLER, Mary Jo.
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630-1
; CURRENT APPLICATION NUMBER: US/10/059,579
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US 09/771,357
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-059-579-42

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTGGACAAG 859
Db 18 TGAGTACCGGAGAAG 2

RESULT 600
US-10-299-886-12
; Sequence 12, Application US/10299886
; Publication No. US20030139366A1
; GENERAL INFORMATION:
; APPLICANT: Roberts, Anita B.
; APPLICANT: Ashcroft, Gillian S.
; APPLICANT: Russo, Angelo
; APPLICANT: Mitchell, James B.
; TITLE OF INVENTION: Inhibition of Smad3 to Prevent Fibrosis
; FILE REFERENCE: NIH193.001C1
; CURRENT APPLICATION NUMBER: US/10/299,886
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: PCT/US00/13725
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-299-886-12

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 1093 ACACGTGTGTACGGGCC 1109
Db 1 ACACGTGTGGAACGAGCC 17

RESULT 601

US-10-371-474-34/c
; Sequence 34, Application US/10371474
; Publication No. US20030144242A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/10/371,474
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US/09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-371-474-34

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 150 GCACGTGTCAATGACAC 166
Db 18 GCACGTGTCAAGGACAC 2

RESULT 602

US-10-139-296-47
; Sequence 47, Application US/10139296
; Publication No. US20030148486A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/139,296
; PRIOR FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-296-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1010 AGAGGGGAGAGCTCAAG 1026
Db 2 AGAGGGGAGGGCTCAAG 18

RESULT 603

US-10-139-218-47
; Sequence 47, Application US/10139218
; Publication No. US20030153060A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Eirich, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; TITLE OF INVENTION: P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/139,218
; PRIOR FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-139-218-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
Db 2 AGAGGGGAGGGCTCAAG 18

RESULT 604

US-10-169-983-38
; Sequence 38, Application US/10169983
; Publication No. US20030158250A1
; GENERAL INFORMATION:
; APPLICANT: Takara Shuzo Co., Ltd.
; TITLE OF INVENTION: Therapeutic agents
; FILE REFERENCE: 01-011-PCT
; CURRENT APPLICATION NUMBER: US/10/169,983
; PRIOR FILING DATE: 2002-07-14
; PRIOR APPLICATION NUMBER: JP 2000-4989
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: JP 2000-303711
; PRIOR FILING DATE: 2000-10-03
; NUMBER OF SEQ ID NOS: 61
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed primer based on nucleotide sequence of
OTHER INFORMATION: human GABA(A) receptor-associated protein mRNA.

US-10-169-983-38

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 917 TGTTCCTGTTCCAGCTG 933
Db 4 TGTTCCTGGTACAGCTG 20

RESULT 605

US-10-032-189-171/c

; Sequence 171, Application US/10032189

; Publication No. US20030170630A1

; GENERAL INFORMATION:

; APPLICANT: Alsobrook II, John P

; APPLICANT: Tchernev, Velizar T

; APPLICANT: Liu, Xiaohong

; APPLICANT: Spytek, Kimberly A

; APPLICANT: Zerhusen, Bryan D

; APPLICANT: Patturajan, Meera

; APPLICANT: Grosse, William M

; APPLICANT: Lepley, Denise M

; APPLICANT: Burgess, Catherine E

; APPLICANT: Shimkets, Richard A

; APPLICANT: Grosse, William M

; APPLICANT: Szekeres, Edward S

; APPLICANT: Vernet, Corine A.M.

; APPLICANT: Li, Li

; APPLICANT: Casman, Stacie J

; APPLICANT: Boldog, Ferenc L

; APPLICANT: Gorman, Linda

; APPLICANT: Gangolli, Esha A

; APPLICANT: Fernandes, Elma R

; APPLICANT: Rieger, Daniel K

; APPLICANT: Edinger, Shlomit R

; APPLICANT: Gunther, Erik

; APPLICANT: Millet, Isabelle

; APPLICANT: Sciore, Paul

; APPLICANT: Ellerman, Karen

; APPLICANT: MacDougall, John R

; APPLICANT: Smithson, Glenda

; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-228

; CURRENT APPLICATION NUMBER: US/10/032,189

; CURRENT FILING DATE: 2001-12-21

; PRIOR APPLICATION NUMBER: 60/257,495

; PRIOR FILING DATE: 2000-12-21

; PRIOR APPLICATION NUMBER: 60/258,171

; PRIOR FILING DATE: 2000-12-20

; PRIOR APPLICATION NUMBER: 60/269,940

; PRIOR FILING DATE: 2001-02-20

; PRIOR APPLICATION NUMBER: 60/274,192

; PRIOR FILING DATE: 2001-03-08

; PRIOR APPLICATION NUMBER: 60/277,926

; PRIOR FILING DATE: 2001-03-22

; PRIOR APPLICATION NUMBER: 60/279,840

; PRIOR FILING DATE: 2001-03-29

; PRIOR APPLICATION NUMBER: 60/282,981

; PRIOR FILING DATE: 2001-04-11

; PRIOR APPLICATION NUMBER: 60/283,656

; PRIOR FILING DATE: 2001-04-13

; PRIOR APPLICATION NUMBER: 60/309,247

; PRIOR FILING DATE: 2001-07-31

; PRIOR APPLICATION NUMBER: 60/311,754

; PRIOR FILING DATE: 2001-08-17

; PRIOR APPLICATION NUMBER: 60/313,331

; PRIOR FILING DATE: 2001-08-17

; NUMBER OF SEQ ID NOS: 260

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 171

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Ag2597 Reverse

US-10-032-189-171

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1240 TTTCATCTTCGCTATCTT 1256

Db 18 TTTCATCTTCGCAATTT 2

RESULT 606

US-10-289-757-217

; Sequence 217, Application US/10289757

; Publication No. US20030180751A1

; GENERAL INFORMATION:

; APPLICANT: Demmer, Jeroen

; APPLICANT: Forster, Richard L

; APPLICANT: Gibson, John Bryan

; APPLICANT: Shenk, Michael Andrew

; APPLICANT: No. US20030180751A1riss, Geoffrey

; APPLICANT: Glenn, Matthew

; APPLICANT: Saulsbury, Keith Martin

; APPLICANT: Hall, Claire

; TITLE OF INVENTION: Compositions isolated from forage

; FILE OF INVENTION: Grasses and methods for their use

; FILE REFERENCE: 11000.10610

; CURRENT APPLICATION NUMBER: US/10/289,757

; CURRENT FILING DATE: 2002-11-07

; PRIOR APPLICATION NUMBER: 60/337,703

; PRIOR FILING DATE: 2001-11-07

; NUMBER OF SEQ ID NOS: 218

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 217

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Made in the lab

US-10-289-757-217

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 851 TGGACAAGGACCTGAAG 867

Db 2 TGGACATGGACCAAGAG 18

RESULT 607

US-10-032-585-5188

; Sequence 5188, Application US/10032585

; Publication No. US20030180953A1

; GENERAL INFORMATION:

; APPLICANT: Terry, Roemer D.

; APPLICANT: Bo, Jiang

; APPLICANT: Charles, Boone

; APPLICANT: Howard, Bussey

; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery

; FILE REFERENCE: 10182-005-999

; CURRENT APPLICATION NUMBER: US/10/032,585

; CURRENT FILING DATE: 2001-12-20

; NUMBER OF SEQ ID NOS: 8000

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5188

; LENGTH: 20

; TYPE: DNA

ORGANISM: Candida albicans
US-10-032-585-5188

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1717 CTGAGCCATGTTCACT 1733
DB 4 CTGAGCCTGTGCACT 20

RESULT 608

US-10-032-585-5598
; Sequence 5598, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5598
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5598

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1335 AGCCGAGCCCTTTGA 1351
DB 1 AGCCGATGCCCTTTGA 17

RESULT 609

US-10-331-907-357/c
; Sequence 357, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: NO. US20030181660A1el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907

; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 357:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 357:
US-10-331-907-357

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1435 GAGGATGCCATGAACA 1451
DB 20 GAGGAGGCCATCAACA 4

RESULT 610

US-10-405-660-47
; Sequence 47, Application US/10405660
; Publication No. US20030186411A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Eshoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450 OXIDORE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/405,660
; CURRENT FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-405-660-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026

```
Db      2 AGAGGGCAGGCTCAAG 18
||||| || |||||
RESULT 611
US-10-430-196-9
; Sequence 9, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/430,196
; FILING DATE: 05-May-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/923,517A
; FILING DATE: 07-Aug-2001
; APPLICATION NUMBER: 09/364,416
; FILING DATE: 1999-07-30
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-430-196-9
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      552 GCCCCTCAGCGCGCC 568
||||| |||||
Db      2 GCCCCTCAGCCCCCGAC 18
||||| |||||
RESULT 612
US-10-138-898-47
; Sequence 47, Application US/10138898
; Publication No. US20030212946A1
; GENERAL INFORMATION:
; APPLICANT: Wilson, Ron C.
; APPLICANT: Craft, David L.
; APPLICANT: Birch, Dudley
; APPLICANT: Bahoo, Mark
; APPLICANT: Madduri, Krishna M.
; APPLICANT: Cornett, Cathy A.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
; FILE REFERENCE: HTS-0010
; CURRENT APPLICATION NUMBER: US/10/178,258
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 15
; APPLICANT: Brenner, Alfred A.
; APPLICANT: Tang, Maria
; APPLICANT: Loper, John C.
; APPLICANT: Gleeson, Martin
; TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME
; P450 OXIDOREDUCTASE
; TITLE OF INVENTION: GENES AND PROTEINS RELATED TO THE OMEGA HYDROXYLASE COMPLEX OF
; TROPICALIS AND METHODS RELATING THERETO
; FILE REFERENCE: 1010-16
; CURRENT APPLICATION NUMBER: US/10/138,898
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: US/09/976,800
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-138-898-47
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1010 AGAGGGGAGAGCTCAAG 1026
||||| |||||
Db      2 AGAGGGCAGGCTCAAG 18
||||| |||||
RESULT 613
US-10-173-718-41/c
; Sequence 41, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-41
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1564 ATGCCTGACTCAGGCAG 1580
||||| |||||
Db      20 ATGCCTGGCTCAGGAAG 4
||||| |||||
RESULT 614
US-10-178-258-15/c
; Sequence 15, Application US/10178258
; Publication No. US20030235913A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
; FILE REFERENCE: HTS-0010
; CURRENT APPLICATION NUMBER: US/10/178,258
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 15
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-178-258-15

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 861 CCTGAAGCAGTACCTGG 877
Db 20 CCTGGAGCAGGACCTGG 4

RESULT 615
US-10-277-216-94
; Sequence 94, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-94

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCCATCTTGCACAGCC 554
Db 2 CCCTCTGTGACAGCC 18

RESULT 616
US-10-277-216-154/c
; Sequence 154, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 20
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-154

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCCATCTTGCACAGCC 554
Db 19 CCCTCTGTGACAGCC 3

RESULT 617
US-10-188-646-41
; Sequence 41, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-41

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1629 CCCAGCAGCGCGGC 1645
Db 3 CCTCAGCAGTCAGCGGC 19

RESULT 618
US-10-188-646-116/c
; Sequence 116, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-188-646-116

Query Match          0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1629 CCCAGCAGCGCGGC 1645
Db 18 CCTCAGCAGTCAGCGGC 2

RESULT 619
```

US-10-188-779A-69/c
; Sequence 69, Application US/10188779A
; Publication No. US20040005567A1

; GENERAL INFORMATION:

; APPLICANT: Nicholas M. Dean

; APPLICANT: Susan M. Freier

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION

; FILE REFERENCE: PTS-0042

; CURRENT APPLICATION NUMBER: US/10/188,779A

; CURRENT FILING DATE: 2002-07-02

; NUMBER OF SEQ ID NOS: 282

; SEQ ID NO 69

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-188-779A-69

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 689 ACCTTGTCGCACTCAAG 705

||| ||||| ||||| |||||

Db 19 ACTTTGTGGCCCTCAAG 3

RESULT 620

US-10-349-143-4109/c

; Sequence 4109, Application US/10349143

; Publication No. US20040005584A1

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET 020CP1

; CURRENT APPLICATION NUMBER: US/10/349,143

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 4109

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..20

; OTHER INFORMATION: upstream amplification primer 99-13320 for SEQ 175,

US-10-349-143-4109

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1060 ATCCGACAAAGACATA 1076

||| ||||| ||||| |||||

Db 18 ATCAACAACAGACATA 2

RESULT 621

US-10-177-896-16

; Sequence 16, Application US/10177896

; Publication No. US20040005705A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION

; FILE REFERENCE: PTS-0045

; CURRENT APPLICATION NUMBER: US/10/177,896

; CURRENT FILING DATE: 2002-06-20

; NUMBER OF SEQ ID NOS: 74

; SEQ ID NO 16

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-177-896-16

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 210 GCAGATAGCCCTGGATG 226

||||| ||||| ||||| |||||

Db 1 GCAGATAGCCCTGGATG 17

RESULT 622

US-10-177-896-51/c

; Sequence 51, Application US/10177896

; Publication No. US20040005705A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION

; FILE REFERENCE: PTS-0045

; CURRENT APPLICATION NUMBER: US/10/177,896

; CURRENT FILING DATE: 2002-06-20

; NUMBER OF SEQ ID NOS: 74

; SEQ ID NO 51

; LENGTH: 20

; TYPE: DNA

; ORGANISM: H. sapiens

; FEATURE:

US-10-177-896-51

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.9e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 210 GCAGATAGCCCTGGATG 226

||||| ||||| ||||| |||||

Db 20 GCAGATAGCCCTGGATG 4

RESULT 623

US-10-190-366-100

; Sequence 100, Application US/10190366

; Publication No. US20040006031A1

; GENERAL INFORMATION:

; APPLICANT: Nicholas M. Dean

; APPLICANT: Susan M. Freier

; APPLICANT: Kenneth W. Dobie

; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION

; FILE REFERENCE: PTS-0023

; CURRENT APPLICATION NUMBER: US/10/190,366

; CURRENT FILING DATE: 2002-07-02

; NUMBER OF SEQ ID NOS: 409

; SEQ ID NO 100

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-190-366-100

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 465 CAACAAGCGCTATCAC 481
| | | | | | | | | | | | | | | | | | | | | |
Db 3 CAACAAGCTCCATCAC 19

RESULT 624

US-10-190-366-297/c
; Sequence 297, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Preter
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 297
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-190-366-297

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 465 CAACAAGCGCTATCAC 481
| | | | | | | | | | | | | | | | | | | | | |
Db 18 CAACAAGCTCCATCAC 2

RESULT 625

US-10-289-762-1337
; Sequence 1337, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1337

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1468 CTGGGGGAGCGGATCCA 1484
| | | | | | | | | | | | | | | | | | | | | |
Db 4 CTGGGAGAGCGGATCCA 20

RESULT 626

US-10-199-199-48/c
; Sequence 48, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert

; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: PTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-48

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 760 TCCCTGCTCAAGGACCT 776
| | | | | | | | | | | | | | | | | | | | | |
Db 17 TCCAGCGCAAGGACCT 1

RESULT 627

US-10-199-199-119
; Sequence 119, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: PTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 119
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-199-199-119

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 760 TCCCTGCTCAAGGACCT 776
| | | | | | | | | | | | | | | | | | | | | |
Db 4 TCCAGCGCAAGGACCT 20

RESULT 628

US-10-199-221-29
; Sequence 29, Application US/10199221
; Publication No. US20040014048A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/199,221
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-221-29

Query Match 0.8%; Score 13.8; DB 1; Length 20;

Best Local Similarity 88.2%; Pred. No. 4.9e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

QY 445 AGATCTCCACTGAGGA 461
Db 1 AAGATCTCCACTGGAA 17
|||||

RESULT 629

US-10-458-939-23
; Sequence 23, Application US/10458939
; Publication No. US20040018535A1
; GENERAL INFORMATION:
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Fogel, Gary B.
; APPLICANT: Porto, V. William
; APPLICANT: Griffey, Richard H.
; APPLICANT: Ecker, David J.
; TITLE OF INVENTION: Detection of RNA Structural Elements
; FILE REFERENCE: IBIS0005-100/IBIS-0418US
; CURRENT APPLICATION NUMBER: US/10/458,939
; CURRENT FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: US 60/387,342
; PRIOR FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-458-939-23

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1223 TGGAGGACGCTACAC 1239
Db 2 TGGAGGACGCTCCAC 18
|||||

RESULT 630

US-10-126-022-94
; Sequence 94, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-94

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAAGCC 554

Db 2 CCCTTCTGTGACAAGCC 18
|||||

RESULT 631

US-10-126-022-154/c
; Sequence 154, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-154

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAAGCC 554
Db 19 CCCTTCTGTGACAAGCC 3
|||||

RESULT 632

US-09-765-081-97/c
; Sequence 97, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 97
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-97

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 5.3e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 767 TCAAGGACCTCAACACGC 785
Db 21 TCAAGATCTTAAACACGC 3
|||||

RESULT 633

US-09-859-053-9
; Sequence 9, Application US/09859053
; Patent No. US20020102658A1

```
; GENERAL INFORMATION:
; APPLICANT: Tsuji, Takashi
; APPLICANT: Tezuka, Katsumari
; APPLICANT: Hori, No. US20020102658A1uaki
; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODY AGAINST A
; TITLE OF INVENTION: COSTIMULATORY SIGNAL TRANSDUCTION MOLECULE AILIM AND
; TITLE OF INVENTION: PHARMACEUTICAL USE THEREOF
; FILE REFERENCE: 06501-079001
; CURRENT APPLICATION NUMBER: US/09/859,053
; CURRENT FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: JP 2001-99508
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: JP 2000-147116
; PRIOR FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially synthesized primer sequence, 136H
; NAME/KEY: primer_bind
; LOCATION: (1)...(21)
; US-09-859-053-9

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      849 CCTGGACAAGGACCTGA 865
Db      1 CCTGGACAAGGCTTGA 17

RESULT 634
US-09-995-686-1
; Sequence 1, Application US/09995686
; Patent No. US20020110826A1
; GENERAL INFORMATION:
; APPLICANT: Datta Gupta, Nanibhushan
; TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
; FILE REFERENCE: 475412000400
; CURRENT APPLICATION NUMBER: US/09/995,686
; CURRENT FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US/09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Hairpin probe
; US-09-995-686-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1677 CCCCAACTACATCTTCC 1693
Db      4 CCGTAACTACATCTTCC 20

RESULT 635
US-09-823-634A-1
; Sequence 1, Application US/09823634A
; Patent No. US20020142308A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
```

```
; APPLICANT: Datta Gupta, Nanibhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; US-09-823-634A-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1677 CCCCAACTACATCTTCC 1693
Db      4 CCGTAACTACATCTTCC 20

RESULT 636
US-09-823-647B-1
; Sequence 1, Application US/09823647B
; Patent No. US20020142309A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; US-09-823-647B-1

Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1677 CCCCAACTACATCTTCC 1693
Db      4 CCGTAACTACATCTTCC 20

RESULT 637
US-09-961-848-3/c
; Sequence 3, Application US/09961848
; Patent No. US20020146719A1
; GENERAL INFORMATION:
; APPLICANT: Berglind Ran Olafsdottir
; APPLICANT: Jeffrey Gulcher
; TITLE OF INVENTION: HUMAN NARCOLEPSY GENE
; FILE REFERENCE: 2345.1005-004
; CURRENT APPLICATION NUMBER: US/09/961,848
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 09/479,128
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/379,083
; PRIOR FILING DATE: 1999-08-23
```

NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: nucleic acid primers based on human mRNA sequence
US-09-961-848-3

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1480 ATCCACAACTTCCTGA 1496

Db 17 AGCCTCAAACTTCCTGA 1

RESULT 638

US-09-764-413-10/c
; Sequence 10, Application US/09764413
; Publication No. US20020187930A1
; GENERAL INFORMATION:
; APPLICANT: Wells, Timothy N.C.
; TITLE OF INVENTION: MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 No. US20020187930A1th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/764,413
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/875,573
; FILING DATE: <Unknown>
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1430-172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; ANTI-SENSE: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 GAAGTGTCCCTGCTCAA 770
Db 19 GATGTGTACCTGCTCAA 3

RESULT 639

US-10-617-334-171/c
; Sequence 171, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: Patentin 3.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-171

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GGCTTCAGCCAGCTCCT 391

Db 17 GGCTTCAGCCAGCTCCT 1

RESULT 640

US-09-771-357-31/c
; Sequence 31, Application US/09771357
; Publication No. US20030017454A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUKUMAR, Saraswati
; APPLICANT: EVRON, Ella
; APPLICANT: DOOLEY, William
; APPLICANT: DAVIDSON, Nancy
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630
; CURRENT APPLICATION NUMBER: US/09/771,357
; CURRENT FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Alpha -33P-labeled primer (Antisense)
US-09-771-357-31

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTGGACAAGG 859

Db 19 TGAGTACCGGAGGAGG 3

RESULT 641
US-10-120-394-10/c
; Sequence 10, Application US/10120394
; Publication No. US20020160015A1
; GENERAL INFORMATION:
; APPLICANT: Wells, Timothy N.C.
; TITLE OF INVENTION: CHEMOKINE RECEPTOR ABLE TO BIND TO
; MCP-1, MIP-1 ALPHA AND/OR RANTES AND ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NO. US20020160015A1th Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4714
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/120,394
; FILING DATE: 12-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/614,256
; FILING DATE: 12-JUL-2000
; APPLICATION NUMBER: US 08/875,573
; FILING DATE: 31-OCT-1997
; APPLICATION NUMBER: PC7/GB96/00143
; FILING DATE: 24-JAN-1996
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; ANTI-SENSE: YES
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-120-394-10
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 754 GAGTGTCCCTGCTCAA 770
Db 19 GATGTGTACCTGCTCAA 3

RESULT 642
US-10-079-136-15
; Sequence 15, Application US/10079136
; Publication No. US20020172685A1
; GENERAL INFORMATION:
; APPLICANT: Stewart, Graham
; APPLICANT: O'Gaora, Peadar
; APPLICANT: Young, Douglas
; TITLE OF INVENTION: Methods and Compositions for Therapeutic Intervention in Infectio
; TITLE OF INVENTION: Disease
; FILE REFERENCE: 19626-0211 (45454-270653)
; CURRENT APPLICATION NUMBER: US/10/079,136
; CURRENT FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US 60/269,801

; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: US 60/294,170
; PRIOR FILING DATE: 2001-05-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-079-136-15
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1020 GCTCAAGCTGGCTGACT 1036
Db 3 GGTCAAGCTGGCGACT 19

RESULT 643
US-10-238-244-1
; Sequence 1, Application US/10238244
; Publication No. US20030082607A1
; GENERAL INFORMATION:
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
; FILE REFERENCE: 475412000400
; CURRENT APPLICATION NUMBER: US/10/238,244
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US/09/995,686
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: US/09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Hairpin probe
US-10-238-244-1
Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1677 CCCCAACTACATCTTCC 1693
Db 4 CCGTAACATACATCTTCC 20

RESULT 644
US-10-005-956-785/c
; Sequence 785, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 785
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-785

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 645
US-10-005-956-786/c
; Sequence 786, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 786
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-786

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 646
US-10-005-956-1026/c
; Sequence 1026, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1026
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1026

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTCTGTTCCAGC 931
Db 19 ACTGTTCTCTGTTCCAGC 3

RESULT 647
US-10-059-579-31/c
; Sequence 31, Application US/10059579
; Publication No. US20030138783A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SUDHAR, Saraswati
; APPLICANT: EYRON, Ella
; APPLICANT: DOOLEY, William C.
; APPLICANT: DAVIDSON, Nancy
; APPLICANT: FACKLER, Mary Jo.
; TITLE OF INVENTION: ABERRANTLY METHYLATED GENES AS MARKERS OF BREAST MALIGNANCY
; FILE REFERENCE: JHU1630-1
; CURRENT APPLICATION NUMBER: US/10/059,579
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US 09/771,357
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Alpha -33P-labeled primer (Antisense)
US-10-059-579-31

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGAGTACCTGCGACAAGG 859
Db 19 TGAGTACCTGCGACAAGG 3

RESULT 648
US-10-184-085A-225/c
; Sequence 225, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D. J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 225
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-225

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGTGTGG 242

```
Db      21 GGGAGAGGTGGTGGTGG 5
|||||
RESULT 649
US-10-189-956-18
; Sequence 18, Application US/10189956
; Publication No. US20030152951A1
; GENERAL INFORMATION:
; APPLICANT: Mirel, Daniel B
; APPLICANT: Erlich, Henry A
; APPLICANT: Bugawan, Teodorica L
; APPLICANT: No. US20030152951A11e, Janelle A
; APPLICANT: Valdes, Ana M
; TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
; TITLE OF INVENTION: DIABETES
; FILE REFERENCE: 1803-295-999
; CURRENT APPLICATION NUMBER: US/10/189,956
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe used to identify IL4R
US-10-189-956-18
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1175 TCTTCTATGAGATGCC 1191
|||||
Db      2 TCTTCTCTGAGATGCC 18
|||||

RESULT 650
US-10-189-956-45
; Sequence 45, Application US/10189956
; Publication No. US20030152951A1
; GENERAL INFORMATION:
; APPLICANT: Mirel, Daniel B
; APPLICANT: Erlich, Henry A
; APPLICANT: Bugawan, Teodorica L
; APPLICANT: No. US20030152951A11e, Janelle A
; APPLICANT: Valdes, Ana M
; TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1
; TITLE OF INVENTION: DIABETES
; FILE REFERENCE: 1803-295-999
; CURRENT APPLICATION NUMBER: US/10/189,956
; CURRENT FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 45
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: hybridization probe
US-10-189-956-45
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1175 TCTTCTATGAGATGCC 1191
|||||
Db      2 TCTTCTCTGAGATGCC 18
|||||
```

```
RESULT 651
US-10-367-470-1
; Sequence 1, Application US/10367470
; Publication No. US20030165963A1
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/10/367,470
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US/09/823,647B
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-367-470-1
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1677 CCCCAACTACATCTTCC 1693
|||||
Db      4 CCGTAACATACATCTTCC 20
|||||

RESULT 652
US-10-059-273-22
; Sequence 22, Application US/10059273
; Publication No. US20030170736A1
; GENERAL INFORMATION:
; APPLICANT: Agoston, Denes V.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR PRODUCING
; TITLE OF INVENTION: NEURAL PROGENITOR CELLS
; FILE REFERENCE: 26842200100
; CURRENT APPLICATION NUMBER: US/10/059,273
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/265,113
; PRIOR FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Rat
US-10-059-273-22
Query Match      0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1719 GAGCCATGTTCCCTGC 1735
|||||
Db      1 GAGTCTTGTTCACCTGC 17
|||||

RESULT 653
US-10-377-133-30/c
; Sequence 30, Application US/10377133
; Publication No. US20030219795A1
; GENERAL INFORMATION:
; APPLICANT: EXELIXIS, INC.
; TITLE OF INVENTION: SCDS AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE
; FILE REFERENCE: EX03-015C
```

; CURRENT APPLICATION NUMBER: US/10/377,133
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US60/361,196
; PRIOR FILING DATE: 2002-03-01
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc.feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: YY is deoxyribonucleotide dTdT
US-10-377-133-30

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 71.4%; Pred. No. 5.3e+02;
Matches 15; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1637 GGCAGCGGCTGGAGGATGCC 1657
Db :|||||

Db 21 RRCATCGTCTGGAGGATGTC 1

RESULT 654

US-10-349-143-10380
; Sequence 10380, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENST.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10380
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-11535 for SEQ 2515, in complen
US-10-349-143-10380

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1445 TGAACATCCATCTCTCC 1461
Db 5 TGAACATCCATCTCTCC 21

RESULT 655

US-10-349-143-11492
; Sequence 11492, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENST.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11492
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8000 for SEQ 3627, in complen
US-10-349-143-11492

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 364 GAGAGTGACGAGGCTTC 380
Db 2 GAGAGTTACTAGGCTTC 18

RESULT 656

US-10-452-510-171/c
; Sequence 171, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-171

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 5.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GGCTTCAGCCAGCTCCT 391
Db 17 GGCTTCAGCCAGCTCCT 1

RESULT 657

```
US-09-802-669-39
; Sequence 39, Application US/09802669
; Patent No. US20020004490A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Zhang, Hong
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-545
; CURRENT APPLICATION NUMBER: US/09/802,669
; CURRENT FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: US 09/665,615
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-802-669-39
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1659 CACCCCTCACAGGCGAGCCC 1678
Db 1 CCCTCTTACATGCGAGCCC 20

RESULT 658
US-09-854-883-275/c
; Sequence 275, Application US/09854883
; Patent No. US20020055479A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/09/854,883
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 389
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-275
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 727 GAGGGGGCACCTGCACCGC 746
Db 20 GAGGTGTACCTGTGACGAC 1

RESULT 659
```

```
US-09-870-956-33/c
; Sequence 33, Application US/09870956
; Patent No. US20020127669A1
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: Histiidine Transporter 1 and Methods of Use Thereof
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-33
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 551 AGCCCTTCAGCGCGCCTC 570
Db 20 AAGCGCCAGCGCGCGCGC 1

RESULT 660
US-09-949-093-3/c
; Sequence 3, Application US/09949093
; Patent No. US20020142960A1
; GENERAL INFORMATION:
; APPLICANT: PHOEN LIMITED
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: No. US20020142960A1mand, Nadia Michelle
; APPLICANT: Sunassee, Kavitha Regna
; TITLE OF INVENTION: DELIVERY OF SUBSTANCES TO CELLS
; FILE REFERENCE: 5759-61121
; CURRENT APPLICATION NUMBER: US/09/949,093
; CURRENT FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: GB 0022101.0
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-949-093-3
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGTGTGTGTGTGGG 245
Db 20 GAGAGGGGAGTGTGTGTGGG 1

RESULT 661
US-09-860-784-21/c
; Sequence 21, Application US/09860784
; Patent No. US20020151512A1
; GENERAL INFORMATION:
```


APPLICANT: PEYMAN, Anuschirwan
UHLMANN, Eugen
TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
US APPLICATION NUMBER: US/09/860,784
FILING DATE: 21-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/594,452
FILING DATE: 04-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-860-784-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 662
US-09-747-772-3/c
; Sequence 3, Application US/09747772
; Patent No. US20020155988A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/09/747,772
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-747-772-3

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1
RESULT 663
US-09-747-772-4/c
; Sequence 4, Application US/09747772
; Patent No. US20020155988A1
; GENERAL INFORMATION:
; APPLICANT: O'Hare, Peter Francis Joseph
; APPLICANT: No. US20020155988A1mand, Nadia Michelle
; APPLICANT: Brewis, Neil Douglas
; APPLICANT: Phelan, Anne
; TITLE OF INVENTION: Uses of Transport Proteins
; FILE REFERENCE: 5759-56969
; CURRENT APPLICATION NUMBER: US/09/747,772
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-747-772-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 664
US-09-779-050A-33/c
; Sequence 33, Application US/09779050A
; Patent No. US20020160416A1
; GENERAL INFORMATION:
; APPLICANT: BOYLE, WILLIAM
; APPLICANT: Hsu, HAILING
; TITLE OF INVENTION: RECEPTOR FROM TNF FAMILY
; FILE REFERENCE: A-5708
; CURRENT APPLICATION NUMBER: US/09/779,050A
; CURRENT FILING DATE: 2001-02-12
; PRIOR FILING DATE: 60/181,800
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-779-050A-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 916 CTGTTCTCTGTCACAGCTGCT 935
Db 20 CTGTTCTCTGTCACAGCTGCT 1

RESULT 665
US-09-976-736-22
; Sequence 22, Application US/09976736
; Patent No. US20020161178A1
; GENERAL INFORMATION:
; APPLICANT: Bass, Michael B
; APPLICANT: Sullivan, John X

Matches	16;	Conservative	0;	Mismatches	4;	Indels	0;	Gaps	0;
QY	621	TAAGCTGGACAACTGGCGG	640						
Db	20	TGAGCTTGACAAAGTGGTGC	1						
<p>RESULT 667</p> <p>US-09-835-371-42/c</p> <p>; Sequence 42, Application US/09835371</p> <p>; Publication No. US20020187473A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: UHLMANN, Eugen</p> <p>; APPLICANT: BREIPOHL, Gerhard</p> <p>; APPLICANT: WILL, David W</p> <p>; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND</p> <p>; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM</p> <p>; FILE REFERENCE: 02481.1743 SEQUENCE LISTING</p> <p>; CURRENT APPLICATION NUMBER: US/09/835,371</p> <p>; CURRENT FILING DATE: 2001-04-17</p> <p>; NUMBER OF SEQ ID NOS: 53</p> <p>; SOFTWARE: PatentIn Ver. 2.1</p> <p>; SEQ ID NO 42</p> <p>; LENGTH: 20</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Artificial Sequence</p> <p>; FEATURE:</p> <p>; OTHER INFORMATION: Description of Artificial Sequence: base sequence</p> <p>; OTHER INFORMATION: of PNA targeting CMV</p> <p>US-09-835-371-42</p>									
<p>Query Match 0.8%; Score 13.6; DB 1; Length 20;</p> <p>Best Local Similarity 80.0%; Pred. No. 5.4e+02;</p> <p>Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>									
QY	226	GAGAGTGGTGGTGGCGG	245						
Db	20	GAGAGGGGAAGTGGTGGGG	1						
<p>RESULT 668</p> <p>US-09-835-370-42/c</p> <p>; Sequence 42, Application US/09835370</p> <p>; Publication No. US20030022172A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: UHLMANN, EUGEN</p> <p>; APPLICANT: BREIPOHL, GERHARD</p> <p>; APPLICANT: WILL, DAVID W</p> <p>; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND</p> <p>; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM</p> <p>; FILE REFERENCE: 02481.1742 SEQUENCE LISTING</p> <p>; CURRENT APPLICATION NUMBER: US/09/835,370</p> <p>; CURRENT FILING DATE: 2001-04-17</p> <p>; NUMBER OF SEQ ID NOS: 64</p> <p>; SOFTWARE: PatentIn Ver. 2.1</p> <p>; SEQ ID NO 42</p> <p>; LENGTH: 20</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Artificial Sequence</p> <p>; FEATURE:</p> <p>; OTHER INFORMATION: Description of Artificial Sequence: nucleotide</p> <p>; OTHER INFORMATION: base sequence of PNA derivatives that bind to</p> <p>; OTHER INFORMATION: viral and cellular targets</p> <p>US-09-835-370-42</p>									
<p>Query Match 0.8%; Score 13.6; DB 1; Length 20;</p> <p>Best Local Similarity 80.0%; Pred. No. 5.4e+02;</p> <p>Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>									
QY	226	GAGAGTGGTGGTGGCGG	245						
Db	20	GAGAGGGGAAGTGGTGGGG	1						

RESULT 669
US-09-969-037-5
; Sequence 5, Application US/09969037
; Publication No. US2003002247A1
; GENERAL INFORMATION:
; APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
; TITLE OF INVENTION: Substance which inhibits binding of information transfer molecule
; TITLE OF INVENTION: for 1175-tyrosine phosphorylated KDR/Fik-1 and usages of the sam
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/969,037
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: JP 2000-303694
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: US 60/263,512
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: a primer for replacing of human KDR/Fik-1 tyrosine residue at
; OTHER INFORMATION: position 801 to phenylalanine.
US-09-969-037-5

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1281 GCCAGGCATCTGTCCACG 1300
|||||
Db 1 GACAGGCTTCTGTCCATCG 20

RESULT 670
US-09-888-326-410/c
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weinert, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 410
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)-(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-410

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCCGCCGCCCTCCGTC 574
|||||
Db 20 CGCGCGCGCGCGCGCGCC 1

RESULT 671

US-09-932-300-36/c
; Sequence 36, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-302
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Known
; OTHER INFORMATION: effective ASO
US-09-932-300-36

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGTGTGGCGG 245
|||||
Db 20 GAGAGGGAAGTGTGGGG 1

RESULT 672
US-09-949-427-330/c
; Sequence 330, Application US/09949427
; Publication No. US20030054418A1
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Iusis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUS02
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 330
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-330

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 16 GGATGGACAGGATGCAGAG 35
|||||
Db 20 GGATGGAGGAGCATCTGAG 1

RESULT 673

US-09-972-469-195/c
; Sequence 195, Application US/09972469
; Publication No. US20030073085A1
; GENERAL INFORMATION:
; APPLICANT: Lai, Fudg
; APPLICANT: Zhou, Daing
; TITLE OF INVENTION: AMPLIFYING EXPRESSED SEQUENCES FROM GENOMIC DNA OF HIGHER-ORDER
; FILE REFERENCE: SP01-290
; CURRENT APPLICATION NUMBER: US/09/972,469
; CURRENT FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 196
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-972-469-195

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 742 ACCGCCATCCGGGAAGTGC 761
|||||
DB 20 ACCACGAGGAAGTGC 1

RESULT 674

US-09-982-262B-15/c
; Sequence 15, Application US/09982262B
; Publication No. US20030077565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Christopher K. Mirabelli
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0612
; CURRENT APPLICATION NUMBER: US/09/982,262B
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-982-262B-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
|||||
DB 20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 675

US-09-920-677-21

; Sequence 21, Application US/09920677
; Publication No. US20030083284A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF P70 S6 KINASE EXPRESSION
; FILE REFERENCE: RTS-0245
; CURRENT APPLICATION NUMBER: US/09/920,677
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-677-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 561 CCGCGCGCTCCGTGCTGTC 580
|||||
DB 1 CCGCGCTCCGTGCTGCTCA 20

RESULT 676

US-09-935-316-2/c
; Sequence 2, Application US/09935316
; Publication No. US20030083286A1
; GENERAL INFORMATION:
; APPLICANT: Weinbach, Susan
; APPLICANT: Tillman, Lloyd G.
; APPLICANT: Geary, Richard H.
; APPLICANT: Harder, Gregory E.
; TITLE OF INVENTION: Pulsatile Release Compositions And Methods For Enhanced Intestil
; FILE REFERENCE: ISIS4823
; CURRENT APPLICATION NUMBER: US/09/935,316
; CURRENT FILING DATE: 2001-08-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-935-316-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
|||||
DB 20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 677

US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C10377/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02

```
US-09-920-033-52
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1565 TGCTGACTCAGCGAGGCCA 1584
DB 20 TACCTGTCTCTGTAGGCCA 1

RESULT 680
US-09-902-953-2/c
; Sequence 2, Application US/09902953
; Publication No. US20030096770A1
; GENERAL INFORMATION:
; APPLICANT: Krotz, Achim
; APPLICANT: Mehta, Rahul
; TITLE OF INVENTION: Enhancement Of The Stability Of Oligonucleotides Comprising
; FILE REFERENCE: ISIS-4797
; CURRENT APPLICATION NUMBER: US/09/902,953
; CURRENT FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-902-953-2

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGTGGCGG 245
DB 20 GAGAGGGGAGTGGTGGGGG 1

RESULT 681
US-09-915-814-106/c
; Sequence 106, Application US/09915814
; Publication No. US20030096771A1
; GENERAL INFORMATION:
; APPLICANT: Madeline M. Butler
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
; FILE REFERENCE: ISPH-0587
; CURRENT APPLICATION NUMBER: US/09/915,814
; CURRENT FILING DATE: 2001-07-26
; NUMBER OF SEQ ID NOS: 230
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-106

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1003 ATCAACGAGCGCGAGAGCT 1022
DB 20 ATCACCAGATGGAAGTGCT 1

US-09-920-033-52/c
; Sequence 52, Application US/09920033
; Publication No. US20030087853A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
; FILE REFERENCE: ISPH-0592
; CURRENT APPLICATION NUMBER: US/09/920,033
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-776-479-243
Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCGTC 574
DB 20 CCGCGCGCGCGCGCGGCC 1

RESULT 678
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: CI0377013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCGTC 574
DB 20 CCGCGCGCGCGCGCGGCC 1

RESULT 679
US-09-920-033-52/c
; Sequence 52, Application US/09920033
; Publication No. US20030087853A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
; FILE REFERENCE: ISPH-0592
; CURRENT APPLICATION NUMBER: US/09/920,033
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-944-493-2

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGTGGCGG 245
      ||||| ||||| ||||| |||||
DB      20 GAGAGGGGAAGTGGTGGGG 1

RESULT 685
US-09-882-945A-145/c
; Sequence 145, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-145

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGTGGCGG 245
      ||||| ||||| ||||| |||||
DB      20 GAGAGGGGAAGTGGTGGGG 1

RESULT 686
US-09-908-147-27/c
; Sequence 27, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RFS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-27

Query Match          0.8%; Score 13.6; DB 1; Length 20;

```

```
Best Local Similarity 80.0%; Pred. No. 5.4e+02; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4;

Qy 77 GAGGGCCCGCGGCTCTGAG 96
Db 20 GGGGGCCACACGCTCTGAG 1

RESULT 687
US-09-908-147-133
; Sequence 133, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-133

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 392 CGGATGAGTGCAGTCTCCA 411
Db 1 CGGAGGAAGTCCAGTGTCCA 20

RESULT 688
US-09-793-146-20/c
; Sequence 20, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BEIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGTGTGGTGGCGG 245
Db 20 GAGAGGGAAGTGTGGGGG 1

RESULT 689
US-09-793-146-20
; Sequence 20, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BEIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGTGTGGTGGCGG 245
Db 20 GAGAGGGAAGTGTGGGGG 1

RESULT 689
US-09-793-146-20
; Sequence 20, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BEIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-20
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US-10-050-888A-7/c
; Sequence 7, Application US/10050888A
; Publication No. US20040073376A1
; GENERAL INFORMATION:
; APPLICANT: Gesteland, Raymond F.
; APPLICANT: Atkins, John F.
; APPLICANT: Matveeva, Olga V.
; APPLICANT: Giddings, Michael C.
; TITLE OF INVENTION: Finding Active Antisense Oligonucleotides Using Artificial Neur
; FILE REFERENCE: T9479.B
; CURRENT APPLICATION NUMBER: US/10/050,888A
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: US 60/262,993
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-050-888A-7

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGTGTGTGTGGCGG 245
Db 20 GAGAGGGAAGTGTGTGGGG 1

RESULT 690
US-10-380-533-72
; Sequence 72, Application US/10380533
; Publication No. US20040072186A1
; GENERAL INFORMATION:
; APPLICANT: University College Cardiff Consultants Ltd
; TITLE OF INVENTION: Transglutaminase Gene Products
; FILE REFERENCE: F504074PCT
; CURRENT APPLICATION NUMBER: US/10/380,533
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: GB0111995.7
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: GB0022768.6
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 144
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-380-533-72

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 599 TTGGGAACTGGAGACCTAC 618
Db 1 TTGGGAGCTGGAGAGCAAC 20

RESULT 691
US-10-626-772-33
; Sequence 33, Application US/10626772
; Publication No. US20040072344A1
; GENERAL INFORMATION:
; APPLICANT: KAZUTOMO INOUE,
; APPLICANT: DOHOON KIM,
; APPLICANT: YANUN GU
; APPLICANT: MICHIO ISHII
; TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTX
```

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred.No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels:

RESULT 696
US-10-454-663-15/c

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-092-900A-426

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 306 CCACCTCAGCTGCACAG 325
|||||
Db 1 CCCATTCAGCACTGAACAG 20

RESULT 699

US-10-672-981-29
Sequence 29, Application US/10672981
Publication No. US20040048825A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF CREB EXPRESSION
FILE REFERENCE: RTS-0237
CURRENT APPLICATION NUMBER: US/10/672,981
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: US/09/973,827
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 37
SEQ ID NO 29

TYPE: DNA

LENGTH: 20

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-672-981-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 294 TTCTGCACGGGCGCCACTCA 313
|||||
Db 1 TTATGCATGCGGCGCCACACA 20

RESULT 700

US-09-923-517-20/c
Sequence 20, Application US/09923517
Publication No. US20020039741A1

GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.

APPLICANT: Miraglia; Brenda F. Baker

TITLE OF INVENTION: Antisense Oligonucleotide

Compositions and Methods for the Modulation of

Activating Protein 1

NUMBER OF SEQUENCES: 139

CORRESPONDENCE ADDRESS:

ADDRESSER: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: USA

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/923,517

FILING DATE: 07-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/364,416

FILING DATE: 1999-07-30

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US-09-923-517-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 725 AAGAGGGGCGACCTGCACC 744
|||||
Db 20 AAGGGGAGGCGAGCGGCACC 1

RESULT 701

US-09-861-925-68

Sequence 68, Application US/09861925

Publication No. US20030064426A1

GENERAL INFORMATION:

APPLICANT: Roninson, Igor

APPLICANT: Chang, Bey-Dih

TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION

FILE REFERENCE: 99,216-F

CURRENT APPLICATION NUMBER: US/09/861,925

CURRENT FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: US 60/

PRIOR FILING DATE: 2001-02-01

NUMBER OF SEQ ID NOS: 77

SOFTWARE: PatentIn version 3.0

SEQ ID NO 68

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: Analytical sense primer for MAC2-BP

US-09-861-925-68

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 48 ACCAGCAGTGTGACTGTCTGA 67
|||||
Db 1 ACCATGACTGTGGATCTGA 20

RESULT 702

US-09-888-361-103

Sequence 103, Application US/09888361

Publication No. US20030064944A1

GENERAL INFORMATION:

APPLICANT: Susan Murray

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR

FILE REFERENCE: RTS-0158

CURRENT APPLICATION NUMBER: US/09/888,361

CURRENT FILING DATE: 2001-06-21

NUMBER OF SEQ ID NOS: 163

US-10-159-942-73

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 330 TGTGACGAGGACTTGAAGA 349
|||||
DB 20 TGTGCACGATGAGTTACGGA 1

RESULT 705
US-10-159-942-75/c
; Sequence 75, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-942-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 876 GGATGACTGTGGGACATCA 895
|||||
DB 20 GGAAGACTGTGGCTACAACA 1

RESULT 706
US-10-159-942-125
; Sequence 125, Application US/10159942
; Publication No. US20030224512A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME EXPRESSION
; FILE REFERENCE: RTS-0383
; CURRENT APPLICATION NUMBER: US/10/159,942
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-942-125

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 330 TGTGACGAGGACTTGAAGA 349
|||||
DB 1 TGTGCACGATGAGTTACGGA 20

RESULT 707
US-10-160-554-14/c
; Sequence 14, Application US/10160554
; Publication No. US20030225012A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSCRIPTION FACTOR DP-1 EXPRESSION
; FILE REFERENCE: RTS-0019
; CURRENT APPLICATION NUMBER: US/10/160,554
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-554-14

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1672 GCAGCCCCCACTACATCTT 1691
   ||||| ||||| ||||| |||||
Db 20 GCTGCCGACACCACTACTT 1

RESULT 708
US-10-160-787-36/c
; Sequence 36, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-36

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 347 AGATGGGTCTGATGGGAG 366
   ||||| ||||| ||||| |||||
Db 20 AAATGGGATCAGATGGTGAG 1

RESULT 709
US-10-160-787-40/c
; Sequence 40, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-40

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 388 TCCTCGATGAGTGCAGTC 407
   ||||| ||||| ||||| |||||
Db 20 TCATCTGATGAGTCCAGTC 1

RESULT 710
US-10-160-787-51/c
; Sequence 51, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-51

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 608 TGGAGACCTACATTAAGCTG 627
   ||||| ||||| ||||| |||||
Db 20 TGGAAACCTACATCAATTG 1

RESULT 711
US-10-160-787-53
; Sequence 53, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-787-53

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTTCAGTT 1409
   ||||| ||||| ||||| |||||
Db 1 CTCCTCAAGCTTTTCCAATT 20

RESULT 712
US-10-160-787-54/c
; Sequence 54, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 54
```



```
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 347 AGATGGGCTCTGATGGGAG 366
   ||||| ||||| ||||| |||||
Db 1 AAATGGGATCAGATGGTGAG 20

RESULT 718
US-10-160-787-109
; Sequence 109, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 109
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-109

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 388 TCCTCGGATGAGTGCAGTC 407
   ||||| ||||| ||||| |||||
Db 1 TCATCTGATGAAGTCAGTC 20

RESULT 719
US-10-160-787-117
; Sequence 117, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 117
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-117

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 692 TTGTGGCACTCAAGGATC 711
   ||||| ||||| ||||| |||||
Db 1 TGTGGCATTAAGAGATC 20

RESULT 720
US-10-160-787-123
; Sequence 123, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
```

```
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 123
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-123

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1072 ACATACCTCCATGAGGTGGT 1091
   ||||| ||||| ||||| |||||
Db 1 ACCTACTCAATGAAGTTGT 20

RESULT 721
US-10-160-787-130
; Sequence 130, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 130
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-130

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1306 TTCAAGACATACACTACCC 1325
   ||||| ||||| ||||| |||||
Db 1 TTCAAGACTACACTTTCC 20

RESULT 722
US-10-160-787-135
; Sequence 135, Application US/10160787
; Publication No. US20030225256A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PCTAIRE PROTEIN KINASE 2 EXPRESSION
; FILE REFERENCE: RTS-0204
; CURRENT APPLICATION NUMBER: US/10/160,787
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 141
; SEQ ID NO 135
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-787-135

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1517 TAAAGGAGATTCAAGTCAAA 1536
   ||||| ||||| ||||| |||||
Db 1 TGAAGAGATTCAAGTTGCAA 20

RESULT 723
US-10-161-996-69/c
```

```
/ Sequence 69, Application US/10161996
/ Publication No. US20030224515A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
/ TITLE OF INVENTION: ANTISENSE EXPRESSION
/ FILE REFERENCE: RTS-0395
/ CURRENT APPLICATION NUMBER: US/10/161,996
/ CURRENT FILING DATE: 2002-06-04
/ NUMBER OF SEQ ID NOS: 273
/ SEQ ID NO 69
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-10-161-996-69

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTGGCTGG 1045
Db 20 GCAGGCTGACCTGGACCTGG 1

RESULT 724
US-10-161-996-203
/ Sequence 203, Application US/10161996
/ Publication No. US20030224515A1
/ GENERAL INFORMATION:
/ APPLICANT: Susan M. Freier
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
/ TITLE OF INVENTION: ANTISENSE EXPRESSION
/ FILE REFERENCE: RTS-0395
/ CURRENT APPLICATION NUMBER: US/10/161,996
/ CURRENT FILING DATE: 2002-06-04
/ NUMBER OF SEQ ID NOS: 273
/ SEQ ID NO 203
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
/ US-10-161-996-203

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTGGCTGG 1045
Db 1 GCAGGCTGACCTGGACCTGG 20

RESULT 725
US-10-181-873A-48
/ Sequence 48, Application US/10181873A
/ Publication No. US20030212019A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
/ FILE REFERENCE: RTSP-0346
/ CURRENT APPLICATION NUMBER: US/10/181,873A
/ CURRENT FILING DATE: 2002-12-13
/ PRIOR APPLICATION NUMBER: PCT/US01/01417
/ PRIOR FILING DATE: 2001-01-16
/ PRIOR APPLICATION NUMBER: 09/489,868
```

```
/ PRIOR FILING DATE: 2000-01-20
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
/ US-10-181-873A-48

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 627 GGACAACTGGCGGAGGTA 646
Db 1 GGATAGGCTGAGCGAGGTA 20

RESULT 726
US-10-246-091-26/c
/ Sequence 26, Application US/10246091
/ Publication No. US20030203844A1
/ GENERAL INFORMATION:
/ APPLICANT: Delfani, Kioumars
/ APPLICANT: Janson, Ann Marie
/ APPLICANT: Kuhn, Georg
/ APPLICANT: Plate, Karlheinz
/ APPLICANT: Schnazer, Anne
/ APPLICANT: Wachs, Frank-Peter
/ APPLICANT: Zhao, Ming
/ TITLE OF INVENTION: Treatment of Central Nervous System Disorders
/ FILE REFERENCE: 21882-504 (PDGF/VSGF)
/ CURRENT APPLICATION NUMBER: US/10/246,091
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: 60/323,381
/ PRIOR FILING DATE: 2001-09-19
/ PRIOR APPLICATION NUMBER: 60/326,044
/ PRIOR FILING DATE: 2001-09-28
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 26
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
/ US-10-246-091-26

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 514 CTGGAGAAGCTGACCCCTCAA 533
Db 20 CTGGTGAAGCTGCCCGTGAA 1

RESULT 727
US-10-314-578-243/c
/ Sequence 243, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Krieg, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jorg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
```

```
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-243

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTACGCCGCCGCCCTCCGTC 574
    ||| ||||| ||||| |||||
Db 20 CGCGCGCGCGCGCGCGCGCC 1

RESULT 728
US-10-153-273-24
; Sequence 24, Application US/10153273
; Publication No. US20020169305A1
; GENERAL INFORMATION:
; APPLICANT: Sim, Kim L.
; Chitnis, Chetan
; Miller, Louis H.
; Peterson, David S.
; Su, Xin-zhaun
; Wellens, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
; AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe Martens Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: California
; COUNTRY: US
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/153,273
; FILING DATE: 21-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/210,288
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Fuller, Michael
; REGISTRATION NUMBER: 36,516
; REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
```

```
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-153-273-24
Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.6%; Pred. No. 5.4e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1630 CCCAGCAGCAGCGCGCTG 1647
    ||| ||||| ||||| |||||
Db 1 CCSMGSMGSCAGCAGYTS 18

RESULT 729
US-10-060-301-20
; Sequence 20, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195p
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Reverse Primer for SNP ID 10
US-10-060-301-20

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 765 GCTCAAGACCTCAACACG 784
    ||||| ||||| ||||| |||||
Db 1 GCTCAGCACTCGAAGACG 20

RESULT 730
US-10-057-550-11/c
; Sequence 11, Application US/10057550
; Publication No. US20030032607A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/057,550
; CURRENT FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/506,073
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
```



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; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-11

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGCCACAGCGCGTCCCT 1205
Db 20 ATGCTCCAGGCTTCACT 1

RESULT 731
US-10-029-598-2/c
; Sequence 2, Application US/10029598
; Publication No. US2003004097A1
; GENERAL INFORMATION:
; APPLICANT: Teng, Ching-Leou
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Tillman, Lloyd
; APPLICANT: Hardee, Gregory E.
; APPLICANT: Ecker, David J.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compositions And Methods For No. US2003004097A1-Parental Deliver
; FILE REFERENCE: ISIS4945
; CURRENT APPLICATION NUMBER: US/10/029,598
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 08/082,624
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 09/315,298
; PRIOR FILING DATE: 1999-05-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Phosphorothioate linkage
US-10-029-598-2

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGTGGTGGG 245
Db 20 GAGAGGGGAAGTGTGGGG 1

RESULT 732
US-10-112-653-235/c
; Sequence 235, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA

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```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-235

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
Db 20 CCGCGCGCGCGCGCGGCC 1

RESULT 733
US-10-017-995-243/c
; Sequence 243, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-243

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGTC 574
Db 20 CCGCGCGCGCGCGCGGCC 1

RESULT 734
US-10-232-881-4/c
; Sequence 4, Application US/10232881
; Publication No. US20030080888A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthia
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: ISIS3380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Phosphorothioate backbone

```

US-10-232-881-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGTGGGG 245
|||||
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 735

US-10-094-458A-15
; Sequence 15, Application US/10094458A
; Publication No. US20030097685A1
; GENERAL INFORMATION:
; APPLICANT: BENNING, CHRISTOPHER
; APPLICANT: CERNAC, ALEX
; TITLE OF INVENTION: LIPID METABOLISM REGULATORS IN PLANTS
; FILE REFERENCE: 16313-0097
; CURRENT APPLICATION NUMBER: US/10/094,458A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 60/274,170
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-094-458A-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1688 TCTTCCCTGCTTACTCTCTG 1707
|||||
Db 1 TCTTCCCTTGTCACTCTCTG 20

RESULT 736

US-10-279-186-86
; Sequence 86, Application US/10279186
; Publication No. US20030114407A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
; FILE REFERENCE: RTS-0346
; CURRENT APPLICATION NUMBER: US/10/279,186
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: US/10/003,126
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-86

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1052 CCAAGTCAATCCCAACAAG 1071
|||||
Db 1 CCAAGTCCATCCCTAGACAG 20

RESULT 737

US-10-279-186-87
; Sequence 87, Application US/10279186
; Publication No. US20030114407A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
; FILE REFERENCE: RTS-0346
; CURRENT APPLICATION NUMBER: US/10/279,186
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: US/10/003,126
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-87

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1049 GAGCCAAGTCAATCCCAACA 1068
|||||
Db 1 GAACCAAGTCCATCCCTAGA 20

RESULT 738

US-10-173-225B-11/c
; Sequence 11, Application US/10173225B
; Publication No. US20030119769A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE: ISPH-0665
; CURRENT APPLICATION NUMBER: US/10/173,225B
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US 10/057,550
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-173-225B-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1186 ATGGCCACAGGCGCTCCCT 1205
|||||

Db 20 ATGGCTCCAGGCGCTTCACT 1

RESULT 739

US-10-006-366-74

Sequence 74, Application US/10006366

Publication No. US20030125273A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION

FILE REFERENCE: RTS-0332

CURRENT APPLICATION NUMBER: US/10/006,366

CURRENT FILING DATE: 2001-11-05

NUMBER OF SEQ ID NOS: 98

SEQ ID NO 74

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-006-366-74

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 5.4e+02;

Mismatches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 865 AAGCACTACTGATGATGCTG 884

Db 1 AAGCTGAACCTGGATGCGAG 20

RESULT 740

US-10-229-834A-23/c

Sequence 23, Application US/10229834A

Publication No. US20030150003A1

GENERAL INFORMATION:

APPLICANT: Lawrence Berkeley National Laboratory

APPLICANT: Rubin, Edward

APPLICANT: Pennacchio, Len

TITLE OF INVENTION: A novel apolipoprotein gene involved in lipid metabolism

FILE REFERENCE: 1B-1709

CURRENT APPLICATION NUMBER: US/10/229,834A

CURRENT FILING DATE: 2002-08-27

PRIOR APPLICATION NUMBER: US 60/318,219

PRIOR FILING DATE: 2001-08-27

NUMBER OF SEQ ID NOS: 48

SOFTWARE: Patentin version 3.1

SEQ ID NO 23

LENGTH: 20

TYPE: DNA

ORGANISM: Homo sapiens and Mus musculus

US-10-229-834A-23

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 5.4e+02;

Mismatches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 622 AAGCTGGACAACTGGCGGA 641

Db 20 AACCTGGACCACTGGCGGA 1

RESULT 741

US-10-083-246A-26

Sequence 26, Application US/10083246A

Publication No. US20030152936A1

GENERAL INFORMATION:

APPLICANT: Athena Diagnostics

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE

FILE REFERENCE: 1133/2002

CURRENT APPLICATION NUMBER: US/10/083,246A

; CURRENT FILING DATE: 2002-10-15

; NUMBER OF SEQ ID NOS: 168

; SOFTWARE: Patentin version 3.1

; SEQ ID NO 26

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc.feature

; LOCATION: (1)..(20)

; OTHER INFORMATION: Synthetic primer

US-10-083-246A-26

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 5.4e+02;

Mismatches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 623 AGCTGGACAACTGGCGGAG 642

Db 1 AGTCGTCAACTGGGTGAG 20

RESULT 742

US-10-189-956-36

Sequence 36, Application US/10189956

Publication No. US20030152951A1

GENERAL INFORMATION:

APPLICANT: Mirel, Daniel B

APPLICANT: Erlich, Henry A

APPLICANT: Bugawan, Teodorica L

APPLICANT: No US20030152951A1le, Janelle A

APPLICANT: Valdes, Ana M

TITLE OF INVENTION: IL-4 RECEPTOR SEQUENCE VARIATION ASSOCIATED WITH TYPE 1

TITLE OF INVENTION: DIABETES

FILE REFERENCE: 1803-295-999

CURRENT APPLICATION NUMBER: US/10/189,956

CURRENT FILING DATE: 2002-07-17

NUMBER OF SEQ ID NOS: 62

SOFTWARE: Patentin version 3.1

SEQ ID NO 36

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-10-189-956-36

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 5.4e+02;

Mismatches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1521 GGAGATTCAGCTACAAAGG 1540

Db 1 GCAGACTCAGCAACAGAGG 20

RESULT 743

US-10-233-032A-68

Sequence 68, Application US/10233032A

Publication No. US20030157704A1

GENERAL INFORMATION:

APPLICANT: Poole, Jason

APPLICANT: Robinson, Igor

APPLICANT: Chang, Bey-Dih

TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING

TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS

FILE REFERENCE: 01-1156-A

CURRENT APPLICATION NUMBER: US/10/233,032A

CURRENT FILING DATE: 2003-02-12

PRIOR APPLICATION NUMBER: US 09/861,925

PRIOR FILING DATE: 2002-05-21

PRIOR APPLICATION NUMBER: US 60/265,840

PRIOR FILING DATE: 2002-02-01

```

; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Analytical sense primer for MAC2-BP
US-10-233-032A-68

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      48 ACCAGAGTGTGACTGCTGA 67
Db      1  ACCATGAGTGTGAGTCTGA 20

RESULT 744
US-10-162-497-28/c
; Sequence 28, Application US/10162497
; Publication No. US20030158398A1
; GENERAL INFORMATION:
; APPLICANT: Chen, H.
; APPLICANT: Freimer, N.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
; TITLE OF INVENTION: AND TREATING CHROMOSOME-18p RELATED DISORDERS
; FILE REFERENCE: 7853-138
; CURRENT APPLICATION NUMBER: US/10/162,497
; CURRENT FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: US/09/657,474
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 09/268,992
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/236,134
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/106,056
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/088,312
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/078,044
; PRIOR FILING DATE: 1998-03-16
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-162-497-28

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      156 GTCATGACACTCCGAGGTG 175
Db      20  GTCCATGAACTTGGAGGTG 1

RESULT 745
US-10-026-952-94/c
; Sequence 94, Application US/10026952
; Publication No. US20030165859A1
; GENERAL INFORMATION:
; APPLICANT: Nazarenko, Irina
; APPLICANT: Rashtchian, Ayoub
; APPLICANT: Solus, Joseph
; APPLICANT: Pires, Richard M.
; APPLICANT: Darfler, Marlene
; APPLICANT: Gebeyehu, Gullilat
; TITLE OF INVENTION: Primers and Methods for the Detection and
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/139,890
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Fluorescently labeled
US-10-026-952-103

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 948 CTACTGCCACCGGAGG 967
Db 20 CTACAGCCACCATGAGAGG 1

RESULT 747

US-10-026-952-104/c
; Sequence 104, Application US/10026952
; Publication No. US20030165859A1
; GENERAL INFORMATION:
; APPLICANT: Nazarenko, Irina
; APPLICANT: Rashtchian, Ayoub
; APPLICANT: Solus, Joseph
; APPLICANT: Pires, Richard M.
; APPLICANT: Darfier, Marlene
; APPLICANT: Gebeyehu, Gullilat
; APPLICANT: Asatke, Mekib
; TITLE OF INVENTION: Primers and Methods for the Detection and
; FILE REFERENCE: 0942.4980006
; CURRENT APPLICATION NUMBER: US/10/026,952
; CURRENT FILING DATE: 2002-04-30
; PRIOR FILING DATE: 2001-10-23
; PRIOR APPLICATION NUMBER: 60/330,468
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/175,959
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 09/599,594
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/748,146
; PRIOR FILING DATE: 2000-12-27
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (3)..(3)
; OTHER INFORMATION: Fluorescently labeled
US-10-026-952-104

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 948 CTACTGCCACCGGAGG 967
Db 20 CTACAGCCACCATGAGAGG 1

RESULT 748

US-10-203-780-12/c
; Sequence 12, Application US/10203780
; Publication No. US20030165914A1
; GENERAL INFORMATION:
; APPLICANT: CUZIN, MARC

; APPLICANT: PELTIE, PHILIPPE
; APPLICANT: FONTECAVE, MARC
; APPLICANT: DECOUT, JEAN-LUC
; APPLICANT: DUEYMES, CECILE
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUX
; FILE REFERENCE: 226286US0XPCT
; CURRENT APPLICATION NUMBER: US/10/203,780
; CURRENT FILING DATE: 2002-11-25
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: PCT/FR01/00516
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: FR 00 02236
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)..(1)
; OTHER INFORMATION: c is modified with a covalent linkage to flavin
US-10-203-780-12

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGAGAGTGGTGGG 1

RESULT 749

US-10-408-969-4/c
; Sequence 4, Application US/10408969
; Publication No. US20030170759A1
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Underwood, Lowell J.
; APPLICANT: Tanimoto, Hirotsushi
; APPLICANT: Shigemasa, Kazuishi
; TITLE OF INVENTION: Uses of Antileukoprotease in Carcinoma
; FILE REFERENCE: D6247D
; CURRENT APPLICATION NUMBER: US/10/408,969
; CURRENT FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: US 09/692,820
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse oligonucleotide primer for PCR
; OTHER INFORMATION: amplification of antileukoprotease
US-10-408-969-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1109 CCCCTGACATCCTGCTGGG 1128
Db 20 CCACTGATATCCTCCTTGG 1

RESULT 750

US-10-160-632-73/c
; Sequence 73, Application US/10160632

```
; Publication No. US20030176380A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
; FILE REFERENCE: RTS-0217
; CURRENT APPLICATION NUMBER: US/10/160,632
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US/09/853,768
; PRIOR FILING DATE: 2001-05-10
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-632-73

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1380 GGCAGCTCTCCACCAAGC 1399
Db 20 GGACTACCTCATAACCAAGC 1

RESULT 751
US-10-238-442-75/c
; Sequence 75, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-238-442-75

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1153 GACATCTGGGTGTGGCGTG 1172
Db 20 GACATCTGGTCTGTGGCGTG 1

RESULT 752
US-10-032-585-5724
; Sequence 5724, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone

; Publication No. US20030176380A1
; GENERAL INFORMATION:
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5724
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5724

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGCGAGTG 250
Db 1 TGGTGGTGGTGGTGGTTTGG 20

RESULT 753
US-10-220-507-14
; Sequence 14, Application US/10220507
; Publication No. US20030186262A1
; GENERAL INFORMATION:
; APPLICANT: CAILLOUX, FABRICE
; TITLE OF INVENTION: NOVEL DNA CHIPS
; FILE REFERENCE: 065691/0288
; CURRENT APPLICATION NUMBER: US/10/220,507
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: PCT/FR01/00604
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: FR 00/02614
; PRIOR FILING DATE: 2000-03-01
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-10-220-507-14

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGTGGCGGCGAG 248
Db 1 ACTGGTGGTGGTGGAGCAG 20

RESULT 754
US-10-430-196-20/c
; Sequence 20, Application US/10430196
; Publication No. US20030194738A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; Compositions and Methods for the Modulation of
; Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
```

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/430,196

FILING DATE: 05-May-2003

CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/923,517A

FILING DATE: 07-Aug-2001

APPLICATION NUMBER: 09/364,416

FILING DATE: 1999-07-30

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0209

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 810-1515

TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

SEQUENCE DESCRIPTION: SEQ ID NO: 20:

US-10-430-196-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 5.4e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 725 AAGGGGGGACCCCTGCACC 744

Db 20 AAGGGGAGCGACCGGCACC 1

RESULT 755

US-10-296-540-82/c

Sequence 82, Application US/10296540

Publication No. US20030215827A1

GENERAL INFORMATION:

APPLICANT: JULIER, C.cile

APPLICANT: DELEPINE, Marc

APPLICANT: NICOLINO, Marc

TITLE OF INVENTION: MUTATED EUKARIOTIC TRANSLATION INITIATION FACTOR 2 ALPHA KINASE 3

TITLE OF INVENTION: BIF2AK3, IN PATIENTS WITH NEONATAL INSULIN-DEPENDENT DIABETES AN

TITLE OF INVENTION: MULTIPLE EPIPHYSEAL DYSPLASIA (WOLCOTT-RALLISON SYNDROME)

FILE REFERENCE: 344 061 - US

CURRENT APPLICATION NUMBER: US/10/296,540

CURRENT FILING DATE: 2002-11-25

PRIOR APPLICATION NUMBER: EP 00/401 436

PRIOR FILING DATE: 2000-05-23

PRIOR APPLICATION NUMBER: EP 00/402 707

PRIOR FILING DATE: 2000-10-02

PRIOR APPLICATION NUMBER: PCT/IB 01/01 153

NUMBER OF SEQ ID NOS: 105

SOFTWARE: Patent In Ver. 2.1

SEQ ID NO 82

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Forward primer.

US-10-296-540-82

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 532 AATAGCCCATCTTTGACAA 551

Db 20 AATAGCCCGCTCTTTAACTA 1

RESULT 756

US-10-147-196-52/c

Sequence 52, Application US/10147196

Publication No. US20030215943A1

GENERAL INFORMATION:

APPLICANT: Rosanne M. Crooke

APPLICANT: Mark J. Graham

TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION

FILE REFERENCE: ISPH-0664

CURRENT APPLICATION NUMBER: US/10/147,196

CURRENT FILING DATE: 2002-05-15

NUMBER OF SEQ ID NOS: 124

SEQ ID NO 52

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-147-196-52

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1565 TGCTGACTCAGCGAGGCCA 1584

Db 20 TACCTGTCCTGGTAGGCCA 1

RESULT 757

US-10-181-875-15

Sequence 15, Application US/10181875

Publication No. US20030216333A1

GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.

APPLICANT: Brett P. Monia

APPLICANT: Robert McKay

APPLICANT: Madeline M. Butler

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRES

FILE REFERENCE: RTSP-0356

CURRENT APPLICATION NUMBER: US/10/181,875

CURRENT FILING DATE: 2002-07-22

PRIOR APPLICATION NUMBER: 09/488,856

PRIOR FILING DATE: 2000-01-21

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 15

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-181-875-15

Query Match

Best Local Similarity 0.8%; Score 13.6; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 556 CTCAGCCGCGCTCTCCGTCG 575

Db 1 CTCGCTGCTCTCTCCGCGC 20

RESULT 758

US-10-360-510-275/c

Sequence 275, Application US/10360510

Publication No. US20030220282A1

GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/10/360,510
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/854,883
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 389
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-360-510-275

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 727 GAGGGGCGACCTGCACCGC 746
DB 20 GAGGTGTACCTGCAGAGC 1

RESULT 759
US-10-449-512-1/c
; Sequence 1, Application US/10449512
; Publication No. US20030228568A1
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/10/449,512
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/09/670,216
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hiPFK-2 antisense
US-10-449-512-1

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTCCCTGCT 1698
DB 20 CCAACGGCACTTCGGCGCT 1

RESULT 760

US-10-449-512-2
; Sequence 2, Application US/10449512
; Publication No. US20030228568A1
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/10/449,512
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/09/670,216
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hi-PFK-2 antisense
US-10-449-512-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTCCCTGCT 1698
DB 1 CCAACGGCACTTCGGCGCT 20

RESULT 761
US-10-388-263-584/c
; Sequence 584, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 584
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-584

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1565 TGCCTGACTCAGGCAGGCCA 1584


```
Db      20  TACCTGCTCTGGTAGGCCA 1

RESULT 762
US-10-174-460-60/c
; Sequence 60, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-60

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1166  TGGGCTGCATCTTCTATGAG 1185
Db      20  TGGGCTGCAGCTCTGTGGG 1

RESULT 763
US-10-174-460-102
; Sequence 102, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-102

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1166  TGGGCTGCATCTTCTATGAG 1185
Db      20  TGGGCTGCAGCTCTGTGGG 1

RESULT 764
US-10-173-902-43/c
; Sequence 43, Application US/10173902
; Publication No. US20030232769A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
; FILE REFERENCE: PTS-0044
; CURRENT APPLICATION NUMBER: US/10/173,902
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-902-43

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      926  TCCAGCTGCTCCGTGGCCTG 945
Db      20  TCCAGCTACACCCCTGTCCTG 1

RESULT 765
US-10-173-902-71
; Sequence 71, Application US/10173902
; Publication No. US20030232769A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
; FILE REFERENCE: PTS-0044
; CURRENT APPLICATION NUMBER: US/10/173,902
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-902-71

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      926  TCCAGCTGCTCCGTGGCCTG 945
Db      1  TCCAGCTACACCCCTGTCCTG 20

RESULT 766
US-10-174-465-13
; Sequence 13, Application US/10174465
; Publication No. US20030232772A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6
; FILE REFERENCE: PTS-0055
; CURRENT APPLICATION NUMBER: US/10/174,465
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-465-13

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      83  CCCGGGCTCTGAGGTTGCT 102
Db      1  CCACCAGCTCTGAGGTTTCT 20
```

```
RESULT 767
US-10-174-465-49/c
; Sequence 49, Application US/10174465
; Publication No. US20030232778A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ISPH-0055
; CURRENT APPLICATION NUMBER: US/10/174,465
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
;
US-10-174-465-49
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 83 CCCGCGGCTCTGAGGTTGCT 102
||| ||||| ||||| |||||
DB 20 CCACCAGCTCTGAGGTTTCT 1

RESULT 768
US-10-348-431-13
; Sequence 13, Application US/10348431
; Publication No. US20030232778A1
; GENERAL INFORMATION:
; APPLICANT: Eric G. Marcussen
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ISPH-0728
; CURRENT APPLICATION NUMBER: US/10/348,431
; CURRENT FILING DATE: 2003-01-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
;
US-10-348-431-13
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 83 CCCGCGGCTCTGAGGTTGCT 102
||| ||||| ||||| |||||
DB 20 CCACCAGCTCTGAGGTTTCT 1

RESULT 769
US-10-348-431-49/c
; Sequence 49, Application US/10348431
; Publication No. US20030232778A1
; GENERAL INFORMATION:
; APPLICANT: Eric G. Marcussen
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: EXTRACELLULAR-SIGNAL-REGULATED KINASE-6 INHIBITORS FOR INHIBITING
; FILE REFERENCE: ISPH-0728
; CURRENT APPLICATION NUMBER: US/10/348,431
```

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; CURRENT FILING DATE: 2003-01-17
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-348-431-49
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 83 CCCGCGGCTCTGAGGTTGCT 102
||| ||||| ||||| |||||
DB 20 CCACCAGCTCTGAGGTTTCT 1

RESULT 770
US-10-104-047-4089/c
; Sequence 4089, Application US/10104047
; Publication No. US20030236392A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20030236392A1 full length cDNA
; FILE REFERENCE: HI-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4089
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-104-047-4089
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 154 CTGTCATGACACTCCGAGG 173
||| ||||| ||||| |||||
DB 20 CTGTCATGACTCTCCTTGG 1

RESULT 771
US-10-349-143-11617/c
; Sequence 11617, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11617
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11206 for SEQ 3752, in complete
US-10-349-143-11617

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1237 CACTTCATCTCCGTATCTT 1256
Db 20 CTCTCCCTCTTCATATCTT 1

RESULT 772
US-10-289-762-2072/c
; Sequence 2072, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2072
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2072

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 405 GTCTCCAGTGAGATGCGTA 424
Db 20 GTCTCCATGAGATGCGGA 1

RESULT 773
US-10-289-762-3394/c
; Sequence 3394, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3394
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3394

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 154 CTGTCAATCACACTCCGAGG 173
Db 20 CTGTGATTACACCGAGG 1

RESULT 774
US-10-289-762-3394/c
; Sequence 3394, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3394
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3394

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 154 CTGTCAATCACACTCCGAGG 173
Db 20 CTGTGATTACACCGAGG 1

RESULT 775
US-10-289-762-4585
; Sequence 4585, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4585
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4585

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1684 TACATCTCCCTGCTTACTC 1703
Db 20 TACTTCTCCCTGCTTACTC 1

RESULT 776
US-10-289-762-5261
; Sequence 5261, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5261

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGGACAGGAA 28
Db 1 GCGTTCAGGATCTACAGGAA 20

RESULT 777
US-10-289-762-5261
; Sequence 5261, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5261

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGGACAGGAA 28
Db 1 GCGTTCAGGATCTACAGGAA 20
```

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US-10-289-762-3649/c
; Sequence 3649, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3649
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3649

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1684 TACATCTCCCTGCTTACTC 1703
Db 20 TACTTCTCCCTGCTTACTC 1

RESULT 775
US-10-289-762-4585
; Sequence 4585, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4585
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4585

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGGACAGGAA 28
Db 1 GCGTTCAGGATCTACAGGAA 20

RESULT 776
US-10-289-762-5261
; Sequence 5261, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5261

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGGACAGGAA 28
Db 1 GCGTTCAGGATCTACAGGAA 20

RESULT 777
US-10-289-762-5261
; Sequence 5261, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5261

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGGACAGGAA 28
Db 1 GCGTTCAGGATCTACAGGAA 20
```

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Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GCACCGGCGAGAGGTGCTA 972
Db 1 GCTATCGGCAGATGATGCTA 20

RESULT 777
US-10-289-762-5947/c
; Sequence 5947, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5947
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5947

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 542 TCTTGCACAGCCCTCAGC 561
Db 20 TATTGTCAAGCCCAACC 1

RESULT 778
US-10-289-762-6067
; Sequence 6067, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6067
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6067

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 CCCTGCTCAAGGACCTCAA 780
Db 1 CGCTGCTCAAGACATCAGA 20

RESULT 779
US-10-131-827-8923/c
; Sequence 8923, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
```

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; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8923
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-131-827-8923

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 715 CTGGAACATGAAGAGGGGCG 734
Db 20 CTGGAACATGAAGAGGGGCG 1

RESULT 780
US-10-210-429-63/c
; Sequence 63, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-429-63

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1081 AATGAGGTGGTGACACTGTG 1100
Db 20 AATGAGTTGAGGCCACTGTG 1

RESULT 781
US-10-210-429-134
; Sequence 134, Application US/10210429
; Publication No. US20040023379A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPATOMA-DERIVED GROWTH FACTOR EXPRESSION
; FILE REFERENCE: PTS-0048
; CURRENT APPLICATION NUMBER: US/10/210,429
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 134
; LENGTH: 20
```

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; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-429-134

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1081 AATGAGTGTGACACTGTG 1100
      ||||| ||| ||||| |||
Db 1 AATGAGTTGAGCCACTGTG 20

RESULT 782
US-10-210-833-100/c
; Sequence 100, Application US/10210833
; Publication No. US20040023383A1
; GENERAL INFORMATION:
; APPLICANT: Sanjay Bhanot
; TITLE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION
; FILE REFERENCE: RTS-0396
; CURRENT APPLICATION NUMBER: US/10/210,833
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-833-100

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 14 AAGGATGACAGGAAATGCAG 33
      ||||| ||| ||||| |||
Db 20 AAGGATAGACTGGACAGCAG 1

RESULT 783
US-10-210-833-159
; Sequence 159, Application US/10210833
; Publication No. US20040023383A1
; GENERAL INFORMATION:
; APPLICANT: Sanjay Bhanot
; TITLE OF INVENTION: ANTISENSE MODULATION OF RESISTIN EXPRESSION
; FILE REFERENCE: RTS-0396
; CURRENT APPLICATION NUMBER: US/10/210,833
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 159
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-210-833-159

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 14 AAGGATGACAGGAAATGCAG 33
      ||||| ||| ||||| |||
Db 1 AAGGATAGACTGGACAGCAG 20

RESULT 784
US-10-628-841-63
; Sequence 63, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSIC
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-63

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 917 TGTTCCTGTTCCAGCTGCTC 936
      ||| ||| ||||| |||||
Db 1 TGCAGCTGCTCCAGCTGCTC 20

RESULT 785
US-10-056-414-320
; Sequence 320, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
;                Draper, Kenneth G.
;                McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
;                DISEASES OR CONDITIONS
;                RELATED TO LEVELS OF
;                NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
```

```
;
; TELEFAX: (213) 955-0440
; TELEEX: 67-3510
; INFORMATION FOR SEQ ID NO: 320:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 320:
US-10-056-414-320
    Query Match      0.8%; Score 13.4; DB 1; Length 15;
    Best Local Similarity 66.7%; Pred. No. 3.9e+02;
    Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      539 CCATCTTTTGCAAGC 553
Db      1 CCAUCUUUGACAATC 15
||||:|||||

RESULT 786
US-10-043-875-413
; Sequence 413, Application US/10043875
; Publication No. US20030054339A1
; GENERAL INFORMATION:
; APPLICANT: De Smet, Koenraad
; APPLICANT: Stuyver, Lieven
; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse
; FILE REFERENCE: 11362-0033-NFUS01 (INNS:033)
; CURRENT APPLICATION NUMBER: US/10/043,875
; CURRENT FILING DATE: 2002-04-03
; PRIOR FILING DATE: 2001-04-24
; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 413
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus
US-10-043-875-413

    Query Match      0.8%; Score 13.4; DB 1; Length 15;
    Best Local Similarity 93.3%; Pred. No. 3.9e+02;
    Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      867 GCAGTACTGGATGA 881
Db      1 GCAGTACTGGATGA 15
|||||

RESULT 787
US-10-418-182-194
; Sequence 194, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 194
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
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;
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-194

    Query Match      0.8%; Score 13.4; DB 1; Length 15;
    Best Local Similarity 93.3%; Pred. No. 3.9e+02;
    Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      231 TGGTGGTGGTGGCGG 245
Db      1 TGGTGGTGGTGGTGG 15
|||||

RESULT 788
US-09-866-108-66/c
; Sequence 66, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: FENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MCA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 66
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-66

    Query Match      0.8%; Score 13.4; DB 1; Length 17;
    Best Local Similarity 93.3%; Pred. No. 4.7e+02;
    Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1181 ATGAGATGCCACAG 1195
|||||
```


; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8896
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8896

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCGAGGTGGCCG 179
||| ||||| ||||| |||||
Db 17 ACTCGAGGTGGCCG 3

RESULT 792
US-09-866-108-8897/c
; Sequence 8897, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8897
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8897

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCGAGGTGGCCG 179
||| ||||| ||||| |||||
Db 16 ACTCGAGGTGGCCG 2

RESULT 793
US-09-866-108-8898/c
; Sequence 8898, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 8898
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-8898

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCGAGGTGGCG 179
Db 15 ACTCGAGGTGGCG 1

RESULT 794
US-09-827-998-546
; Sequence 546, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-546

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTCTGTTCTGCACGG 303
Db 1 CTTCTGTTCTGCACGG 15

RESULT 795
US-09-263-959-904/c
; Sequence 904, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington

;; COUNTRY: US
;; ZIP: 98104-7092
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/263,959
;; FILING DATE: 05-MAR-1999
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Mcmasters, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 920010.426C2
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (206) 622-4900
;; TELEFAX: (206) 682-6031
;; INFORMATION FOR SEQ ID NO: 904:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-263-959-904

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGG 245
Db 17 TGGTGGTGGTGGTGG 3

RESULT 796
US-09-864-785-408/c
; Sequence 408, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-408

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 ATCAAACGGCAGCTG 156
Db 16 ATCAAACGGCAGCTG 2

RESULT 797
US-09-864-785-1593/c
; Sequence 1593, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:

```
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ FILE REFERENCE: 400/022 (MBH00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1593
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1593

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 ATCAAACTGCAGCTG 156
Db 15 ATCAAACTGCAGCTG 1

RESULT 798
US-09-864-785-2740
/ Sequence 2740, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ FILE REFERENCE: 400/022 (MBH00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 2740
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2740

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAAGC 553
Db 1 CCAUUCUUGACAAC 15

RESULT 799
US-09-825-805-437/c
/ Sequence 437, Application US/09825805
/ Publication No. US20030004122A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
```

```
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
/ FILE REFERENCE: MBH00-831-F (400/009)
/ CURRENT APPLICATION NUMBER: US/09/825,805
/ CURRENT FILING DATE: 2001-09-27
/ PRIOR APPLICATION NUMBER: 09/578,223
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 09/476,387
/ PRIOR FILING DATE: 1999-12-30
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1558
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 437
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-825-805-437

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGG 941
Db 16 CCAGCTGCACCTGG 2

RESULT 800
US-09-825-805-503
/ Sequence 503, Application US/09825805
/ Publication No. US20030004122A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpeisky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
/ FILE REFERENCE: MBH00-831-F (400/009)
/ CURRENT APPLICATION NUMBER: US/09/825,805
/ CURRENT FILING DATE: 2001-09-27
/ PRIOR APPLICATION NUMBER: 09/578,223
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 09/476,387
/ PRIOR FILING DATE: 1999-12-30
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1558
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 503
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-825-805-503
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Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 4.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 49 CCAGCAGTGTGACG 63
Db 3 CCACGUGUGACUG 17

RESULT 801
US-09-877-478-791
; Sequence 791, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 791
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-791

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 1390 CTCACCAAGCTGTG 1404
Db 3 CUCACCAACCGUG 17

RESULT 802
US-09-877-478-1863
; Sequence 1863, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
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; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1863
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1863

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 1390 CTCACCAAGCTGTG 1404
Db 2 CUCACCAACCGUG 16

RESULT 803
US-09-877-478-2272/c
; Sequence 2272, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2272

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 532 AATAGCCCATCTTT 546
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Db 17 AATATCCCCATCTTT 3
|||||

RESULT 804

US-09-877-478-2273/c
; Sequence 2273, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2273
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2273

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
|||||

Db 16 AATATCCCCATCTTT 2
|||||

RESULT 805

US-09-877-478-2274/c
; Sequence 2274, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2274
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2274

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCCATCTTT 546
|||||

Db 15 AATATCCCCATCTTT 1
|||||

RESULT 806

US-09-848-754A-301
; Sequence 301, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 301
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-301

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGCTCA 1003
|||||

Db 3 CCCAGUACCUUGUCA 17
|||||

RESULT 807

US-09-848-754A-1870
; Sequence 1870, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1870
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1870

Query Match 0.8%; Score 13.4; DB 1; Length 17;

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Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1627 GGCCCCCAGCAGGCG 1641
Db 3 GGCCCCCAGCAGGCG 17
|||||
|

RESULT 808
US-09-848-754A-2634
; Sequence 2634, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848.754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2634
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2634

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1627 GGCCCCCAGCAGGCG 1641
Db 2 GGCCCCCAGCAGGCG 16
|||||
|

RESULT 809
US-09-930-423-747/c
; Sequence 747, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 747
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-747

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 TGGATGACTGTGGGA 889
Db 17 TGGATGACTGTGAGA 3
|||||
|

RESULT 810
US-09-930-423-799/c
; Sequence 799, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-799

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 TGGATGACTGTGGGA 889
Db 17 TGGATGACTGTGAGA 3
|||||
|

RESULT 811
US-09-930-423-800/c
; Sequence 800, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 800
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-800

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 721 CATGAAGAGGGCGCA 735
Db 17 CATGAAGAGGGCGCA 3
|||||
|

RESULT 812
US-09-930-423-1289/c
; Sequence 1289, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1289
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1289

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 875 TGGATGACTGTGGGA 889
Db 16 TGGATGACTGTGAGA 2

RESULT 813
US-09-780-164-630/c
; Sequence 630, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 630
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-630

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 396 TCAGGTGCAGTCTCC 410
Db 17 TCAGGTGCAGTCTCC 3

RESULT 814
US-09-780-164-631/c
; Sequence 631, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 631
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-631

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 395 ATGAGTGCAGTCTC 409
Db 15 ATGAGTGCAGTCTC 1

RESULT 815
US-09-740-332-651/c
; Sequence 651, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc..
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-651

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGA 1448
Db 17 AGAGGATGCCATGA 3

RESULT 816
US-09-740-332-3903
; Sequence 3903, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc..
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3903

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1432 GCAGAGGATGCCATG 1446
Db 2 GCAGAGGATGCCAUG 16

RESULT 817
US-09-740-332-3904
; Sequence 3904, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc..
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3904

; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3904

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1434 AGAGGATGCCATGAA 1448
Db 2 AGAGGAUGCCAUCCA 16
|||||:|||||

RESULT 818

US-09-745-237A-747/c
; Sequence 747, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 747
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-747

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 TGGATGACTGTGGGA 889
Db 17 TGGATGACTGTGAGA 3
|||||:|||||

RESULT 819

US-09-745-237A-799/c
; Sequence 799, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-799

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 721 CATGAAGAGGGCGCA 735
|||||:|||||

Db 17 CATGAAGAGGGCGCA 3

RESULT 820

US-09-745-237A-800/c
; Sequence 800, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 800
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-800

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 721 CATGAAGAGGGCGCA 735
Db 16 CATGAAGAGGGCGCA 2
|||||:|||||

RESULT 821

US-09-745-237A-1289/c
; Sequence 1289, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1289
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1289

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 TGGATGACTGTGGGA 889
Db 16 TGGATGACTGTGAGA 2
|||||:|||||

RESULT 822

US-09-817-879-651/c
; Sequence 651, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703

SOFTWARE: PatentIn version 3.0
SEQ ID NO 651
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-651

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATG 1446
|||:|||||:
DB 17 AGAGGATGCCATGCA 3

RESULT 823

US-09-817-879-3903
Sequence 3903, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MBH00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3903
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3903

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1432 GCAGGATGCCATG 1446
|||:|||||:
DB 2 GCAGGATGCCAUG 16

RESULT 824

US-09-817-879-3904
Sequence 3904, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MBH00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3904
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate

US-09-817-879-3904

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1434 AGAGGATGCCATGAA 1448
|||:|||||:
DB 2 AGAGGATGCCAUGCA 16

RESULT 825

US-10-342-902-791
Sequence 791, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 791
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-791

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 4.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTG 1404
|||:|||||:
DB 3 CUCACCAACCUUG 17

RESULT 826

US-10-342-902-1863
Sequence 1863, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/531,025

QY 532 AATAGCCCCATCTTT 546
|||||
Db 17 AATATCCCCATCTTT 3

RESULT 829
US-10-342-902-2274/c
; Sequence 2274, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrisey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBHH00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08

; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2274
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-2274

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 532 AATAGCCCATCTTT 546
Db 15 AATATCCCATCTTT 1

RESULT 830
US-10-675-685-546
; Sequence 546, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-546

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTGTTCTGCACGG 303
Db 1 CTTGTTCTGCACGG 15

RESULT 831
US-09-927-046-338
; Sequence 338, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 338
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-338

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 4.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 673 AGCAGCTCACAGC 687
Db 1 AGCAGCTCACAAAC 15

RESULT 832
US-09-927-046-810
; Sequence 810, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 810
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-810

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 4.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1577 GCAGCCGAGCTTTC 1591
Db 2 GCAGCCGAGCTTTC 16

RESULT 833
US-09-927-046-1189
; Sequence 1189, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1189
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1189

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 146 AACGGCAGCTGTCAA 160
||| |||||:|:|
Db 3 AACUGCAGCUGUCAA 17

RESULT 834

US-09-927-046-1190
; Sequence 1190, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1190
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1190

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 4.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 147 ACGGCAGCTGTCAAT 161
||| |||||:|:|
Db 1 ACUGCAGCUGUCAAU 15

RESULT 835

US-09-927-046-1237
; Sequence 1237, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1237

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 604 AAACUGGAGACTAC 618
|||:|:|:|:|:|
Db 3 AAACUGAGAGCUCUAC 17

RESULT 836

US-09-927-046-1500
; Sequence 1500, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1500
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1500

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 4.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1577 GCAGGCCAGCTTCC 1591
||| |||||:|:|
Db 1 GCAGGCCAGCUUUC 15

RESULT 837

US-09-927-046-1553
; Sequence 1553, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1553
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1553

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 4.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCACGA 686
||| |||||:|:|
Db 3 AAGCAAGCUCACAA 17

RESULT 838

US-09-927-046-1662
; Sequence 1662, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Avers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/327,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1662
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1662

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 605 AACCTGGAGACCTACA 619
   |||: |||||: |||
Db 1 AACUUGAGACCUACA 15

RESULT 839
US-10-020-038-6/c
; Sequence 6, Application US/10020038
; Publication No. US20020156247A1
; GENERAL INFORMATION:
; APPLICANT: Elledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1013
; CURRENT APPLICATION NUMBER: US/10/020,038
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US/09/488,364
; PRIOR FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-020-038-6

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1033 GACTTTGGCGCTGCC 1047
   |||||: |||||: |||
Db 17 GACTTTGGCGCTGTCC 3

RESULT 840
US-10-060-756A-62/c
; Sequence 62, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 65
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-65

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 40 GCAGGAGGACGACGA 54
   |||||: |||||: |||
Db 15 GCAGGAGGACGACGA 1
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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 62
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-62

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 41 CAGGAGGACGACGAG 55
   |||||: |||||: |||
Db 17 CAGGAGGACGACGAG 3

RESULT 841
US-10-060-756A-65/c
; Sequence 65, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 65
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-65

Query Match          0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 40 GCAGGAGGACGACGA 54
   |||||: |||||: |||
Db 15 GCAGGAGGACGACGA 1
```

RESULT 842

US-10-163-552-248
; Sequence 248, Application US/10163552

; Publication No. US20030105051A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2

; FILE REFERENCE: MBH01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 248

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-163-552-248

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 73.3%; Pred. No. 4.7e+02;

Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCGAGTGTGACTG 63

|||||:|:|:|

Db 3 CCAGCUGUGACUG 17

RESULT 843

US-10-163-552-597/c

; Sequence 597, Application US/10163552

; Publication No. US20030105051A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level

; TITLE OF INVENTION: HER2

; FILE REFERENCE: MBH01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 597

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-163-552-597

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 4.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCGTGG 941

|||||:|:|:|

Db 16 CCAGCTGCACCGTG 2

RESULT 844

US-10-156-306-4452/c

; Sequence 4452, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 4452

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-4452

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 4.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGGCAGG 44

|||||:|:|:|

Db 16 GCAGAGGTAGGCAGG 2

RESULT 845

US-10-156-306-5037/c

; Sequence 5037, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5037

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-5037

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 4.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 32 AGAGGTAGGCAGGAG 46

|||||:|:|:|

Db 16 AGAGGTAGGCAGGAG 2

RESULT 846

US-10-156-306-5923/c

; Sequence 5923, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR

; FILE REFERENCE: MBH01-664-A (400/050)

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5923

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-5923

Query Match 0.8%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 4.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 923 TGTTCAGCTGCTCC 937

|||||:|:|:|

Db 17 TGTTCAGCTGCTCC 3

RESULT 847

US-10-156-306-7022/c
; Sequence 7022, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156.306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7022
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7022

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTC 936
Db 15 CTGCTCCAGCTGCTC 1

RESULT 848

US-10-238-700-2910/c
; Sequence 2910, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2910
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2910

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 80 GGCCCCCGGCTCTG 94
Db 16 GGCCCCCGGCGGCTG 2

RESULT 849

US-10-238-700-3438/c
; Sequence 3438, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840

; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3438
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3438

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 752 GGGAGGTGCTCCTGC 766
Db 17 GGGAGGTGCTCCTGC 3

RESULT 850

US-10-238-700-3439/c
; Sequence 3439, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3439
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3439

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 752 GGGAGGTGCTCCTGC 766
Db 15 GGGAGGTGCTCCTGC 1

RESULT 851

US-10-061-201-977
; Sequence 977, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 977
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-977

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1242 CATCTTCGCTATCTT 1256
Db      3 CATCTTCCTATCTT 17

RESULT 852
US-10-061-201-978
; Sequence 978, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 979
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-979

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1242 CATCTTCGCTATCTT 1256
Db      1 CATCTTCCTATCTT 15

RESULT 854
US-10-061-201-1804/c
; Sequence 1804, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1804
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1804

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1451 ATCCATTCTTCTCA 1465
DB 17 ATCCATTCTTCTCA 3

RESULT 855
US-10-061-201-1805/c
; Sequence 1805, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1805
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1806

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 4.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1451 ATCCATTCTTCTCA 1465
DB 15 ATCCATTCTTCTCA 1

RESULT 857
US-10-349-143-8777
; Sequence 8777, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8777
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-18179 for SEQ 912, in comple
US-10-349-143-8777

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Query Match 0.8%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1673 CAGCCCCCACTACA 1687
DB 3 CAGCCCTCAACTACA 17

RESULT 858
US-09-969-373-1566
; Sequence 1566, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1566
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1566

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1081 AATGAGTGGTGACA 1095
DB 4 AATGAGTGGTGACA 18

RESULT 859
US-09-818-875-4375/c
; Sequence 4375, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4375
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-818-875-4375

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 CATGACATTATCCAC 816
DB 16 CAGGACATTATCCAC 2

RESULT 860
US-10-016-248-137/c
; Sequence 137, Application US/10016248
; Publication No. US20040033491A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-218
; CURRENT APPLICATION NUMBER: US/10/016,248
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: 60/254,329
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/291,037
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 60/255,648
; PRIOR FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: 60/297,173
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: 60/309,258
; PRIOR FILING DATE: 2001-07-31
; PRIOR APPLICATION NUMBER: 60/326,393
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 60/315,639
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 167
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 137
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-016-248-137

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1391 TCACCAAGCTGTTGC 1405
DB 15 TCACCAAGCTGTTGC 1

RESULT 861
US-10-128-456-30/c
; Sequence 30, Application US/10128456
; Publication No. US20030204874A1
; GENERAL INFORMATION:
; APPLICANT: Korea Kumho Petrochemical Co., Ltd.
; TITLE OF INVENTION: Transgenic Plants with Enhanced Stress Tolerance
; FILE REFERENCE: 1942/51
; CURRENT APPLICATION NUMBER: US/10/128,456
; CURRENT FILING DATE: 2002-04-24
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-128-456-30

schultz621-3.rnpb

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```

; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-251-117-134

Query Match      0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 958 CGCAGCAAGGTGCTA 972
DB 15 CTGACAGAGGTGCTA 1

RESULT 862
US-10-166-218-4
; Sequence 4, Application US/10166218
; Publication No. US20030073107A1
; GENERAL INFORMATION:
; APPLICANT: JUPE, Eidon R.
; APPLICANT: THOMPSON, LINDA F.
; APPLICANT: RESTA, Regina (NMI)
; APPLICANT: DELL'ORCO, Robert T.
; TITLE OF INVENTION: Diagnostic Assay for Cancer Susceptibility
; FILE REFERENCE: 11146/09208
; CURRENT APPLICATION NUMBER: US/10/166,218
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US/09/530,976
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/064,880
; PRIOR FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: DNA primer
US-10-166-218-4

Query Match      0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 566 GCCTCGCTGCTGCTCA 580
DB 2 GCCTCGCTGCTGCTCA 16

RESULT 863
US-10-251-117-134
; Sequence 134, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MEH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 134

Query Match      0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 356 CTGATGGGGAGAGTG 370
DB 18 CTGATGGGGAGAGTG 4

RESULT 865
US-10-251-117-795
; Sequence 795, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MEH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 134

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APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 4375
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide
US-10-209-787-4375

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 CATGACATTATCCAC 816
Db 16 CAGGACATTATCCAC 2

RESULT 868
US-10-307-005-2707/c
Sequence 2707, Application US/10307005
Publication No. US20030236208A1
GENERAL INFORMATION:
APPLICANT: University of Delaware
APPLICANT: Eric B. Kmiec
APPLICANT: Howard B. Gamper
APPLICANT: Michael C. Rice
APPLICANT: Jungsup Kim
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
FILE REFERENCE: Using Modified Single Stranded Oligonucleotides
CURRENT APPLICATION NUMBER: US/10/307,005
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: PCT/US01/17672
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: US 09/818,875
PRIOR FILING DATE: 2001-03-27
NUMBER OF SEQ ID NOS: 2717
SOFTWARE: Friedman macro Napro4
SEQ ID NO 2707
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide
US-10-307-005-2707

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 795
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-795

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1627 GGCCCCAGCAGGCG 1641
Db 2 GGCCCCAGCAGGCG 16

RESULT 866
US-10-251-117-1102/c
Sequence 1102, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
FILE REFERENCE: Gene Expression Using Short Interfering RNA
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1102
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-1102

Query Match 0.8%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1627 GGCCCCAGCAGGCG 1641
Db 18 GGCCCCAGCAGGCG 4

RESULT 867
US-10-209-787-4375/c
Sequence 4375, Application US/10209787
Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.

; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 52

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-754-167-52

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 GAGTACTCGGACAG 858

Db 20 GAGTACTCGGAGAG 6

RESULT 874

US-09-791-942-26

; Sequence 26, Application US/09791942

; Patent No. US20020147166A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Robert Rothlein

; APPLICANT: Takashi Kai Kishimoto

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION

; FILE REFERENCE: RTS-0099

; CURRENT APPLICATION NUMBER: US/09/791,942

; CURRENT FILING DATE: 2001-02-22

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 26

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-791-942-26

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1537 AAGGAGCGCAGCCTT 1551

Db 1 AAGGAAGCGCAGCCTT 15

RESULT 875

US-09-817-487A-3

; Sequence 3, Application US/09817487A

; Patent No. US20020150876A1

; GENERAL INFORMATION:

; APPLICANT: NO. US20020150876A1artis AG

; TITLE OF INVENTION: Selectable Marker Genes

; FILE REFERENCE: 4-31193A

; CURRENT APPLICATION NUMBER: US/09/817,487A

; CURRENT FILING DATE: 2002-02-14

; NUMBER OF SEQ ID NOS: 10

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3

; LENGTH: 20

; TYPE: DNA

; ORGANISM: homo sapiens

US-09-817-487A-3

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 285 GGAACCTCGTCTGC 299

|||||

Db 6 GGAACCTCGTCTGC 20

RESULT 876

US-09-863-049A-20

; Sequence 20, Application US/09863049A

; Publication No. US20030032055A1

; GENERAL INFORMATION:

; APPLICANT: Kenrick, Sue J.

; APPLICANT: Nelson, David L.

; APPLICANT: Aradhyia, Swaroop

; APPLICANT: D'Urso, Michele

; APPLICANT: Woffendin, Hayley

; APPLICANT: Munnich, Arnold

; APPLICANT: Smahi, Asmae

; APPLICANT: Israel, Alain

; APPLICANT: Poustka, Annemarie

; APPLICANT: Lewis, Richard A

; APPLICANT: Levy, Moise

; APPLICANT: Heiss, Nina

; TITLE OF INVENTION: Diagnosis and Treatment of Medical Conditions Associated with D

; FILE REFERENCE: NFKAPPA B (NF-KB) Activation

; CURRENT APPLICATION NUMBER: US/09/863,049A

; CURRENT FILING DATE: 2001-05-22

; PRIOR APPLICATION NUMBER: US 60/206,223

; PRIOR FILING DATE: 2000-05-22

; NUMBER OF SEQ ID NOS: 77

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 20

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Human

US-09-863-049A-20

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 70 CCCAGGGGAGGGCCC 84

Db 6 CCCAGGTGAGGGCCC 20

RESULT 877

US-09-802-110B-83/c

; Sequence 83, Application US/09802110B

; Publication No. US20030082535A1

; GENERAL INFORMATION:

; APPLICANT: Leushner, James

; Hui, May

; Dunn, James M.

; LaCroix, Jean-Michel

; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR

; DETECTION AND IDENTIFICATION OF MICROORGANISMS

; NUMBER OF SEQUENCES: 189

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Oppedahl & Larson LLP

; STREET: PO Box 5068

; CITY: Dillon

; STATE: CO

; COUNTRY: US

; ZIP: 80435

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage

; COMPUTER: IBM compatible

; OPERATING SYSTEM: MS DOS

; SOFTWARE: Word Perfect

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/802,110B

; FILING DATE: 07-Mar-2001

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

```
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-058-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 468-6600
; TELEFAX: (970) 468-0104
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEetical: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 83:
US-09-802-110B-83

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1278 GTGGCCAGGCATCCT 1292
   ||| ||||| |||||
Db 16 GTGTCAGGCATCCT 2

RESULT 878
US-09-919-197-74/c
; Sequence 74, Application US/09919197
; Publication No. US20030083484A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHORT HETERODIMER PARTNER-1 EXPRESSION
; FILE REFERENCE: ISPH-0593
; CURRENT APPLICATION NUMBER: US/09/919,197
; CURRENT FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-919-197-74

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 169 CGAGGTGGCGGAGGC 183
   ||| ||||| |||||
Db 19 CGAGGTGGCTGAGGC 5

RESULT 879
US-10-642-802-162/c
; Sequence 162, Application US/10642802
; Publication No. US20040043956A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/642,802
; CURRENT FILING DATE: 2003-08-18
```

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; PRIOR APPLICATION NUMBER: US/10/001,076
; PRIOR FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-642-802-162

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 338 AGGACTTGAGATCG 352
   ||| ||||| |||||
Db 20 AGGACTTGACATCG 6

RESULT 880
US-10-169-045-9/c
; Sequence 9, Application US/10169045
; Publication No. US20040055032A1
; GENERAL INFORMATION:
; APPLICANT: BASF PLANT SCIENCE GMBH
; TITLE OF INVENTION: PYROPHOSPHATASE STRESS-RELATED PROTEINS AND METHODS OF
; FILE REFERENCE: 16313-0006
; CURRENT APPLICATION NUMBER: US/10/169,045
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: 60/171,745
; PRIOR FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-169-045-9

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 574 CGTGTCAGCCTATCT 588
   ||| ||||| |||||
Db 19 CGTGTCAGCCTATCT 5

RESULT 881
US-10-163-272-19/c
; Sequence 19, Application US/10163272
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESS
; FILE REFERENCE: RTS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-163-272-19

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
```

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAGCT 524
|||||
Db 15 CTACCTGGAGATGCT 1

RESULT 882

US-10-163-272-96
; Sequence 96, Application US/10163272
; Publication No. US20030224517A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF BETA-SITE APP-CLEAVING ENZYME 2 EXPRESSION
; FILE REFERENCE: RFS-0378
; CURRENT APPLICATION NUMBER: US/10/163,272
; CURRENT FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-163-272-96

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAGCT 524
|||||
Db 6 CTACCTGGAGATGCT 20

RESULT 883

US-10-010-920-93
; Sequence 93, Application US/10010920
; Publication No. US20030027165A1
; GENERAL INFORMATION:
; APPLICANT: Saus, Juan
; TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid sequences
; FILE REFERENCE: 98,723-E3
; CURRENT APPLICATION NUMBER: US/10/010,920
; CURRENT FILING DATE: 2001-12-07
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-010-920-93
; OTHER INFORMATION: Description of Artificial Sequence: Primer ON-DinBl-F3

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 537 CCCCATCTTTGACAA 551
|||||
Db 4 CCCCACTTTGACAA 18

RESULT 884

US-10-187-586-5/c
; Sequence 5, Application US/10187586
; Publication No. US20030082666A1
; GENERAL INFORMATION:
; APPLICANT: Wake Forest University
; Kammer, Gary M.

APPLICANT: Mishra, Nilamadhab
; TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
; FILE REFERENCE: 9151-10DV
; CURRENT APPLICATION NUMBER: US/10/187,586
; CURRENT FILING DATE: 2002-09-23
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-187-586-5

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 38 AGCAGGAGGACCAG 52
|||||
Db 19 AGTCAGGAGGACCAG 5

RESULT 885

US-10-008-721-93
; Sequence 93, Application US/10008721
; Publication No. US20030082745A1
; GENERAL INFORMATION:
; APPLICANT: Saus, Juan
; TITLE OF INVENTION: TNF-Inducible Promoters and Methods for Using
; FILE REFERENCE: 98,723-E1
; CURRENT APPLICATION NUMBER: US/10/008,721
; CURRENT FILING DATE: 2001-12-07
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-008-721-93
; OTHER INFORMATION: Description of Artificial Sequence: Primer ON-DinBl-F3

Query Match 0.8%; Score 13.4; DB 1; Length 20;

Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 537 CCCCATCTTTGACAA 551
|||||
Db 4 CCCCACTTTGACAA 18

RESULT 886

US-10-271-887-106
; Sequence 106, Application US/10271887
; Publication No. US20030087871A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION
; FILE REFERENCE: RFS-0183
; CURRENT APPLICATION NUMBER: US/10/271,887
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US/09/659,845A
; PRIOR FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-271-887-106

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 733 GCACCTGACCGCC 747
Db 1 GCACCTGACATGCC 15

RESULT 887
US-10-001-076-162/c
; Sequence 162, Application US/10001076
; Publication No. US20030096775A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COMPLEMENT COMPONENT C3 EXPRESSION
; FILE REFERENCE: RTS-0329
; CURRENT APPLICATION NUMBER: US/10/001,076
; CURRENT FILING DATE: 2001-10-23
; NUMBER OF SEQ ID NOS: 179
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-076-162

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 338 AGGACTTGAACATGG 352
Db 20 AGGACTTGAACATGG 6

RESULT 888
US-10-001-844-37
; Sequence 37, Application US/10001844
; Publication No. US20030105041A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHH EXPRESSION
; FILE REFERENCE: ISPH-0617
; CURRENT APPLICATION NUMBER: US/10/001,844
; CURRENT FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-001-844-37

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1211 CGGGCTCCACGGTGG 1225
Db 5 CGGGCTCCCGGTGG 19

RESULT 889
US-10-001-076-162/c
```

```
US-10-151-481A-5/c
; Sequence 5, Application US/10151481A
; Publication No. US20030114525A1
; GENERAL INFORMATION:
; APPLICANT: Wake Forest University
; APPLICANT: Kammer, Gary M.
; APPLICANT: Mishra, Nilamadhav
; TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
; FILE REFERENCE: 9151-101P
; CURRENT APPLICATION NUMBER: US/10/151,481A
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US 09/718,195
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-151-481A-5

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 38 AGGAGGAGGAGGAGG 52
Db 19 AGTCAGGAGGAGGAGG 5

RESULT 890
US-10-139-604-9/c
; Sequence 9, Application US/10139604
; Publication No. US20030124551A1
; GENERAL INFORMATION:
; APPLICANT: METRIS THERAPEUTICS LIMITED
; APPLICANT: LLENICEK, Mirna
; APPLICANT: PAPPA, Helen
; TITLE OF INVENTION: AGENTS IMPLICATED IN ENDOMETRIOSIS
; FILE REFERENCE: 1396-1-006
; CURRENT APPLICATION NUMBER: US/10/139,604
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: GB 9926081.2
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926074.7
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926079.6
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: GB 9926076.2
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Seqwin99, version 1.02
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' RT-PCR primer for Cathepsin D
US-10-139-604-9

Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 458 AGGACATCAACAGC 472
Db 16 AGGACATCAAGAGC 2

RESULT 891
US-10-238-442-65/c
```



```
; Sequence 65, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/10/238,442
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-238-442-65

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1638 GCAGCGGCTGGAGGG 1652
Db      15 GCAGCGGCTGGAGGG 1

RESULT 892
US-10-032-585-5632
; Sequence 5632, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-003-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5632
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5632

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      656 CCGTCTACAAAGGCA 670
Db      3 CCGTCTACAAAGGCA 17

RESULT 893
US-10-168-844-24/c
; Sequence 24, Application US/10168844
; Publication No. US20030217392A1
; GENERAL INFORMATION:
; APPLICANT: BASF PLANT SCIENCE GMBH
; TITLE OF INVENTION: PROTEIN KINASE STRESS-RELATED PROTEINS AND METHODS OF
; TITLE OF INVENTION: USE IN PLANTS
```

```
; FILE REFERENCE: 16313-0007
; CURRENT APPLICATION NUMBER: US/10/168,844
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: PCT/US00/34970
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/171,745
; PRIOR FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-168-844-24

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      574 CGTGTGAGCCTATCT 588
Db      19 CGTGTGAGCCTATCT 5

RESULT 894
US-10-173-718-52/c
; Sequence 52, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-718-52

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      76 GGAGGGCCCGCGGC 90
Db      17 GGAGGGCCCGCGGC 3

RESULT 895
US-10-173-718-106
; Sequence 106, Application US/10173718
; Publication No. US20030232437A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-C EXPRESSION
; FILE REFERENCE: PTS-0036
; CURRENT APPLICATION NUMBER: US/10/173,718
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 125
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-718-106
```

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 76 GGAGGGCCCGCGGC 90
|||||
DB 4 GGAGGGCCCGCGGC 18

RESULT 896

US-10-177-554-48/c
; Sequence 48, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-48

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 123 CATGATCGGATGAA 137
|||||
DB 20 CATGCTCGGATGAA 6

RESULT 897

US-10-177-554-184
; Sequence 184, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 184
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-177-554-184

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 123 CATGATCGGATGAA 137
|||||
DB 1 CATGCTCGGATGAA 15

RESULT 898

US-10-349-143-7238/c
; Sequence 7238, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7238
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-3109 for SEQ 3304,
US-10-349-143-7238

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1235 TACACTTCATCTTCC 1249
|||||
DB 17 TTCACTTCATCTTCC 3

RESULT 899

US-10-289-762-2555
; Sequence 2555, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmen
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pre
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2555
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2555

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1224 GGAGGACAGCTACA 1238
|||||
DB 1 GGAAGACAGCTACA 15

RESULT 900

US-10-289-762-5490/c
; Sequence 5490, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmen
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pre
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762

```

; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5490
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5490

```

```
Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 778 AAACACGCCCAACATC 792
 |||||
 Db 20 AAACATGCCCAACATC 6

```

RESULT 901
US-10-298-215-2
; Sequence 2, Application US/10298215
; Publication No. US20040009157A1
; GENERAL INFORMATION:
; APPLICANT: Gazit, Dan
; TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
; FILE REFERENCE: P-4891-US2
; CURRENT APPLICATION NUMBER: US/10/298,215
; CURRENT FILING DATE: 2002-11-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-298-215-2

```

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

QY      1184 AGATGGCCACAGGCC 1198
          |||||
Db      5 AGATGGCCACAGGAC 19

```

```

RESULT 902
US-10-210-556-86
; Sequence 86, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPEA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-210-556-86

```

```
Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 866 AGCAGTACCTGGATG 880
Db 1 AGCAGCACCTGGATG 15

```

RESULT 903
US-10-380-255-18/c
; Sequence 18, Application US/10380255
; Publication No. US20040023263A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64935
; CURRENT APPLICATION NUMBER: US/10/380,255
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08247
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-293021
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an a
; OTHER INFORMATION: synthesized primer sequence
US-10-380-255-18

```

```
Query Match      0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 407 CTCCAGTGAGAGTGC 421
Db 16 CTCCAGTGAGAAATGC 2

RESULT 904
US-09-935-785-1/c
; Sequence 1, Application US/09935785
; Patent No. US20020076393A1
; GENERAL INFORMATION:
; APPLICANT: FEHLBAUM, Pascale
; APPLICANT: ANDERSON, Mark
; APPLICANT: RAO, Meena
; APPLICANT: ZASLOFF, Michael
; TITLE OF INVENTION: A Method for Stimulation of Defensin Production
; FILE REFERENCE: 36870-5074-01-US
; CURRENT APPLICATION NUMBER: US/09/935,785
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/086,275
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: US 09/316,386
; PRIOR FILING DATE: 1999-05-21
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for beta defensin
US-09-935-785-1

Query Match	0.8%;	Score 13.2;	DB 1;	Length 18;
Best Local Similarity	83.3%;	Pred. No. 5.6e+00;		
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;
QY	712	AGACTGGAACATGAAGAG	729	
Db	18	AGACAGGACCAAGGAGAG	1	

RESULT 905
US-09-969-373-1757

```
; Sequence 1757, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1757
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1757
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 673 AGCAGCTCACAGACAAC 690
Db 1 AGCAGCTCATCCACAAC 18
|||||
```

```
RESULT 906
US-09-969-373-2009/c
; Sequence 2009, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2009
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2009
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 346 AAGTGGGCTGTGATGGG 363
Db 18 AAGGTAGGCTTTGATGGG 1
|||||
```

```
RESULT 907
US-09-250-611-56/c
; Sequence 56, Application US/09250611
; Patent No. US20020143161A1
; GENERAL INFORMATION:
; APPLICANT: Byrne, Jennifer A.
; APPLICANT: Bassett, Paul
; TITLE OF INVENTION: Members of the D52 Gene Family
; FILE REFERENCE: 1383.0210001
```

```
; CURRENT APPLICATION NUMBER: US/09/250,611
; CURRENT FILING DATE: 1999-02-17
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-09-250-611-56
```

```
Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 668 GCAAAAGCAGCTCACAG 685
Db 18 GCACAGCCAGCTCACAG 1
|||||
```

```
RESULT 908
US-09-771-730-129
; Sequence 129, Application US/09771730
; Patent No. US20020146807A1
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: MacDougall, John R.
; APPLICANT: Spytek, Kimberly Ann
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A. M.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-645
; CURRENT APPLICATION NUMBER: US/09/771,730
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 60/178,413
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,371
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,408
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,370
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,406
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,414
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/178,409
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/180,634
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: 60/220,516
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/221,408
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/221,943
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: 60//257,599
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/260,290
; PRIOR FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: NOVL2 Reverse
; OTHER INFORMATION: Primer Sequence
US-09-771-730-129
```

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 852 GGCAAGACCTGAAGCA 869
||| ||||| ||||| |||||
Db 1 GGCCGAGGACCTGAAGGA 18

RESULT 909
US-09-908-153B-29/c
; Sequence 29, Application US/09908153B
; Patent No. US20020168714A1
; GENERAL INFORMATION:
; APPLICANT: Barbas, Carlos F.
; APPLICANT: Beerli, Roger
; APPLICANT: Schopfer, Ulrich
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION USING
; TITLE OF INVENTION: SINGLE-CHAIN, MONOMERIC, LIGAND DEPENDENT POLYPEPTIDE
; TITLE OF INVENTION: SWITCHES
; FILE REFERENCE: TSRI 725.1
; CURRENT APPLICATION NUMBER: US/09/908,153B
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: US 09/619,063
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthesized
US-09-908-153B-29

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1094 CACTGTGGTACCGCCCC 1111
||||| ||| ||||| |||||
Db 18 CACTGGCGCTCCGCCCC 1

RESULT 910
US-09-927-737-78
; Sequence 78, Application US/09927737
; Publication No. US20030082545A1
; GENERAL INFORMATION:
; APPLICANT: Barany, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; TITLE OF INVENTION: LIGASE DETECTION REACTION
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/09/927,737
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 08/891,292
; PRIOR FILING DATE: 1997-07-10
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-09-927-737-78

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 991 CAGAACCTGCTCAATCAAC 1008
||||| ||||| ||||| |||||
Db 1 CAGAACCTGCTCACCATC 18

RESULT 911
US-10-398-308-42
; Sequence 42, Application US/10398308
; Publication No. US20040029825A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Christopher J.
; APPLICANT: Schlafer, Donald H.
; APPLICANT: Hill, Jonathan R.
; TITLE OF INVENTION: METHODS OF MINIMIZING IMMUNOLOGICAL REJECTION OF A
; TITLE OF INVENTION: NUCLEAR TRANSFER FETUS
; FILE REFERENCE: 19603/3373
; CURRENT APPLICATION NUMBER: US/10/398,308
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: 60/237,673
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: PCT/US01/30925
; PRIOR FILING DATE: 2001-10-03
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: BoLA Class I,
; OTHER INFORMATION: Exon 2, Series A Probe
US-10-398-308-42

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1270 GAGGAGACGTGGCCAGGC 1287
||||| ||||| ||||| |||||
Db 1 GAGGAGACGTGGAGAGCC 18

RESULT 912
US-10-339-674-176
; Sequence 176, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8133
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 176
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (229371)...(229388)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 2;
US-10-339-674-176

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1059 AATCCCAACAAAGACATA 1076
||||| ||||| ||||| |||||
Db 1 AATCTCAGCAAGACAAA 18

```

; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-143-266-4

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1702 TCTCTGCTACCTGCTG 1719
Db 1 TGTCTGCTGCTGCTGCTG 18

RESULT 916
US-10-298-816-16/c
; Sequence 16, Application US/10298816
; Publication No. US20030143600A1
; GENERAL INFORMATION:
; APPLICANT: Gocke, Christopher D.
; Koperski, Michael S.
; Benko, Floyd A.
; TITLE OF INVENTION: Detection of Extracellular Tumor-
; Associated Nucleic Acid in Blood Plasma or Serum
; Using Amplification Assays
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Intellectual Property Office,
; The Pennsylvania State University
; STREET: 113 Technology Center
; CITY: University Park
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 16802
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/298,816
; FILING DATE: 18-Mar-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/642,952
; FILING DATE: 21-Aug-2000
; APPLICATION NUMBER: US/08/818,058
; FILING DATE: 14-Mar-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: <Unknown>
; REGISTRATION NUMBER: <Unknown>
; REFERENCE/DOCKET NUMBER: 97,078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: <Unknown>
; TELEFAX: <Unknown>
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
;

; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: (3252271)...(3252288)
; LOCATION: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 2396
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; OTHER INFORMATION: Chromosome = 1 Strand = positive
US-10-339-674-2396

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1059 AATCCCAACAAAGACATA 1076
Db 1 AATCTCAGCAAGACAAA 18

RESULT 914
US-10-067-125-109
; Sequence 109, Application US/10067125
; Publication No. US2003005015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/10/067,125
; CURRENT FILING DATE: 2002-02-04
; PRIOR APPLICATION NUMBER: 09/167,109
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 109
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-067-125-109

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 TCAGCGCGCGCTCCGTC 574
Db 1 TCTGCGGCTTCTCGGTC 18

RESULT 915
US-10-143-266-4
; Sequence 4, Application US/10143266
; Publication No. US20030108887A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; APPLICANT: Liquori, Christina

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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-298-816-16

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 270 ACGTGCTGCTCTCTGGGA 287
Db 18 ACGGCTGCCCGGGGA 1

RESULT 917
US-10-269-790-9
; Sequence 9, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence for UP5 accessory region
US-10-269-790-9

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 37 TAGCAGGAGGAGCAGCA 54
Db 1 TAGCAGGAGGAGCAACA 18

RESULT 918
US-10-269-790-16
; Sequence 16, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence for UP5 accessory region
US-10-269-790-16

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 37 TAGCAGGAGGAGCAGCA 54
Db 1 TAGCAGGAGGAGCAACA 18

RESULT 919
US-10-269-790-26
; Sequence 26, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cy3UP5 primer
US-10-269-790-26

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 37 TAGCAGGAGGAGCAGCA 54
Db 1 TAGCAGGAGGAGCAACA 18

RESULT 920
US-10-269-790-27
; Sequence 27, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cy5UP5 primer
US-10-269-790-27
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; OTHER INFORMATION: UP5 primer
US-10-269-790-16

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 37 TAGCAGGAGGAGCAGCA 54
Db 1 TAGCAGGAGGAGCAACA 18

RESULT 919
US-10-269-790-26
; Sequence 26, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cy3UP5 primer
US-10-269-790-26

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 37 TAGCAGGAGGAGCAGCA 54
Db 1 TAGCAGGAGGAGCAACA 18

RESULT 920
US-10-269-790-27
; Sequence 27, Application US/10269790
; Publication No. US20030148335A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-20003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cy5UP5 primer
US-10-269-790-27
```

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 37 TAGGCAGGAGGACCAACA 54
|||||
Db 1 TAGGCAGGAGGACCAACA 18

RESULT 921

US-10-269-790-36
; Sequence 36, Application US/10269790
; Publication No. US2003014835A1
; GENERAL INFORMATION:
; APPLICANT: Super Array, Inc.
; APPLICANT: Shen, Li
; APPLICANT: Cen, Hui
; APPLICANT: Yu, Xiang
; TITLE OF INVENTION: DETECTING TARGETS BY UNIQUE IDENTIFIER
; FILE REFERENCE: 49444-2003.00
; CURRENT APPLICATION NUMBER: US/10/269,790
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/327,763
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: UP5 primer
US-10-269-790-36

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 37 TAGGCAGGAGGACCAACA 54
|||||
Db 1 TAGGCAGGAGGACCAACA 18

RESULT 922

US-10-108-732-44/c
; Sequence 44, Application US/10108732
; Publication No. US2003017572A1
; GENERAL INFORMATION:
; APPLICANT: Box, Neil F
; APPLICANT: Duffy, David L
; APPLICANT: Hayward, Nicholas K
; APPLICANT: Martin, Nicholas G
; APPLICANT: Sturm, Richard A
; APPLICANT: Gruis, Nelli A
; APPLICANT: Van Der Velde, Pieter
; APPLICANT: Bergman, Wilma
; APPLICANT: Frants, Rume R
; TITLE OF INVENTION: MELANOMA RISK DETECTION
; FILE REFERENCE: 8795-27U1
; CURRENT APPLICATION NUMBER: US/10/108,732
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/279,515
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: hMSHR N-inner sequencing primer 3
US-10-108-732-44

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1632 CAGCAGGCGGCTGGA 1649
|||||
Db 18 CAGGAAGCAGAGGCTGGA 1

RESULT 923

US-10-314-657-174
; Sequence 174, Application US/10314657
; Publication No. US20030175888A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: CHENG, Yi-Qiang
; APPLICANT: TANG, Gong-Li
; TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
; FILE REFERENCE: 054030-0021
; CURRENT APPLICATION NUMBER: US/10/314,657
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: PCT/US02/08937
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: US 60/278,935
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 174
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Streptomyces atroolivaceus
US-10-314-657-174

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 557 TCATCGCGCGCTCGTC 574
|||||
Db 1 TCATCGCGCGCTCGTC 18

RESULT 924

US-10-422-934-75/c
; Sequence 75, Application US/10422934
; Publication No. US20030186841A1
; GENERAL INFORMATION:
; APPLICANT: Barbas, Carlos F., III
; APPLICANT: Kadan, Michael
; APPLICANT: Beerli, Roger
; TITLE OF INVENTION: LIGAND ACTIVATED TRANSCRIPTIONAL REGULATOR PROTEINS
; FILE REFERENCE: 22908-1227C
; CURRENT APPLICATION NUMBER: US/10/422,934
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: 09/586,625
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 09/433,042
; PRIOR FILING DATE: 1999-10-25
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 75
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Erbb-2 (E2C) target sequence
US-10-422-934-75

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGGTACCGGCCCC 1111
Db 18 CACTGGCGCTCCGGCCCC 1

RESULT 925

US-10-211-689-99/c
; Sequence 99, Application US/10211689
; Publication No. US20030233347A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook, John II
; APPLICANT: Anderson, David W.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Burgess, Catherine B.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Khrantsov, Nikolai V.
; APPLICANT: Lepley, Denise M.
; APPLICANT: MacDougall, John R.
; APPLICANT: Pena, Carol A.
; APPLICANT: Peyman, John A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Smithson, Glennnda
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Zhong, Mei

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-416B

; CURRENT APPLICATION NUMBER: US/10/211,689

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: 60/311751

; PRIOR FILING DATE: 2001-08-10

; PRIOR APPLICATION NUMBER: 60/310,802

; PRIOR FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: 60/310,795

; PRIOR FILING DATE: 2001-08-08

; PRIOR APPLICATION NUMBER: 60/311,292

; PRIOR FILING DATE: 2001-08-09

; PRIOR APPLICATION NUMBER: 60/361,159

; PRIOR FILING DATE: 2002-02-28

; PRIOR APPLICATION NUMBER: 60/373,050

; PRIOR FILING DATE: 2002-04-16

; PRIOR APPLICATION NUMBER: 60/380,970

; PRIOR FILING DATE: 2002-05-15

; PRIOR APPLICATION NUMBER: 60/311,979

; PRIOR FILING DATE: 2001-08-13

; PRIOR APPLICATION NUMBER: 60/381,030

; PRIOR FILING DATE: 2002-05-16

; PRIOR APPLICATION NUMBER: 60/323,944

; PRIOR FILING DATE: 2001-09-21

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 132

; SOFTWARE: CuraseqList version 0.1

; SEQ ID NO 99

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe

US-10-211-689-99

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 5.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 209 AGCAGATAGCGCTGGATG 226

Db 18 AGCAGATAGCGCTGCAGG 1

RESULT 926

US-10-108-260A-4931/c
; Sequence 4931, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: HI-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4931
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized
US-10-108-260A-4931

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 5.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1690 TTCCCTGCTTACTCTCTG 1707

Db 18 TTCCCGCGTTTCTCTATG 1

RESULT 927

US-10-108-260A-5416
; Sequence 5416, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: HI-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5416
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized
US-10-108-260A-5416

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 5.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CATTATCCACACGAGAA 824

Db 1 CATTATACACACGAGAA 18

RESULT 928

US-10-349-143-7245/c
; Sequence 7245, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilyya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143

```
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7245
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3153 for SEQ 3311,
US-10-349-143-7245

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGAGATTACGCTACAAA 1538
Db 18 GGAGATTACGACACAA 1

RESULT 929
US-10-349-143-11482
; Sequence 11482, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11482
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-7696 for SEQ 3617, in compleme
US-10-349-143-11482

Query Match      0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1225 GAGGACACGCTACATTC 1242
Db 1 GATGGACATCTACATTC 18

RESULT 930
US-09-802-674-9
; Sequence 9, Application US/09802674
; Patent No. US20020042088A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Macina, Roberto A
; APPLICANT: Piderit, Alejandra
; APPLICANT: Sun, Yongming
; TITLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and
; FILE REFERENCE: DEX-0142
; CURRENT APPLICATION NUMBER: US/09/802,674
; CURRENT FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/188,061
; PRIOR FILING DATE: 2000-03-09
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-802-674-9

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1711 ACCTGCTGAGCCATGTT 1728
Db 2 ACCGCGCTGTGCCATATT 19

RESULT 931
US-09-947-770-26/c
; Sequence 26, Application US/09947770
; Patent No. US20020068715A1
; GENERAL INFORMATION:
; APPLICANT: Steinman, Lawrence
; APPLICANT: Ruiz, Pedro
; APPLICANT: Garren, Hideki
; TITLE OF INVENTION: DNA Vaccination for Treatment of
; FILE REFERENCE: STAN123CIP
; CURRENT APPLICATION NUMBER: US/09/947,770
; CURRENT FILING DATE: 2001-09-05
; PRIOR APPLICATION NUMBER: PCT/US00/06233
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: US 09/267,590
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IFN-gamma primer
US-09-947-770-26

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 31 CAGAGTAGGCGGAGGA 48
Db 18 CAGAGTAGGCGGAGGA 1

RESULT 932
US-09-853-688-38/c
; Sequence 38, Application US/09853688
; Patent No. US20020081605A1
; GENERAL INFORMATION:
; APPLICANT: COOPER, DAVID N.
; APPLICANT: PROCTER, ANNIE M.
```

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; APPLICANT: GREGORY, JOHN
; APPLICANT: MILLAR, DAVID S.
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN
; TITLE OF INVENTION: HUMANS, THE VARIATIONS AND THEIR USES
; FILE REFERENCE: WCM78
; CURRENT APPLICATION NUMBER: US/09/853,688
; CURRENT FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-853-688-38

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 CCTGCTCAAGACCTCAA 779
Db 19 CCAGCTCAAGATCCCAA 2

RESULT 933
US-09-969-373-1691
; Sequence 1691, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauger, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 1691
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-1691

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1440 TGCCATGAACATCCATT 1457
Db 2 TGCCATCAACCATCAT 19

RESULT 934
US-09-969-373-3385
; Sequence 3385, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauger, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
```

```
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3385
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-3385

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 899 ACATGCACAGCTGAAC 916
Db 2 ACATCCAGAGCTGAAC 19

RESULT 935
US-09-957-189-6/c
; Sequence 6, Application US/09957189
; Patent No. US20020177210A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Blinkovsky
; APPLICANT: Tony Byun
; APPLICANT: Alan V. Klotz
; APPLICANT: Alan Sloma
; APPLICANT: Maria Tang
; APPLICANT: Mikio Fujii
; APPLICANT: Chigusa Marumoto
; APPLICANT: Lene Venke Kofod
; TITLE OF INVENTION: Polypeptides Having Amino-peptidase
; TITLE OF INVENTION: Activity And Nucleic Acids Encoding Same
; FILE REFERENCE: 5379.200-US
; CURRENT APPLICATION NUMBER: US/09/957,189
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/192,104
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 1465/97
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 00670
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Sphingomonas
US-09-957-189-6

Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 850 CTGGACAGGACCTGAAG 867
Db 18 CTGGACAGGACGAAAG 1

RESULT 936
US-09-771-933-163/c
; Sequence 163, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
```

Query Match	0.8%;	Score 13.2;	DB 1;	Length 19;
Best Local Similarity	83.3%;	Pred. No. 6e+02;		
Matches 15:	Conservative	0:	Mismatches	3:
			Indels	0:
			Gaps	0:

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 512 ACCTGGAGAGCTGACCC 529
Db 18 ACCTGGACAGCAACCC 1

RESULT 941

US-09-864-426A-889/c
; Sequence 889, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 889
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-889

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 512 ACCTGGAGAGCTGACCC 529
Db 18 ACCTGGACAGCAACCC 1

RESULT 942

US-10-005-338B-162
; Sequence 162, Application US/10005338B
; Publication No. US20030044895A1
; GENERAL INFORMATION:
; APPLICANT: DENEFLÉ, Patrice
; APPLICANT: ROSIER-MONTUS, Marie-Francoise
; APPLICANT: PRADES, Catherine
; APPLICANT: ARNOULD-REQUIGNE, Isabelle
; APPLICANT: DUVERGER, Nicolas
; APPLICANT: ALLIKMETS, Rando
; APPLICANT: DEAN, Michael
; TITLE OF INVENTION: NUCLEIC ACIDS OF THE HUMAN ABCA5, ABCA6, ABCA9, AND ABCA10 GENES
; FILE REFERENCE: ABCA5, 6, 9, 10
; CURRENT APPLICATION NUMBER: US/10/005,338B
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/263,231
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: FR 00403440.1
; PRIOR FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 217
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 162
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-338B-162

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1316 ACAACTACCCCAAGTACC 1333
Db 1 ACAACTTCCCGAGGACC 18

RESULT 943

US-10-226-992-46/c
; Sequence 46, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Fornaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: RNA
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 46
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-226-992-46

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 817 ACGGAGAGTCCCTCACC 834
Db 19 AGGGAGAGGCGCTCACC 2

RESULT 944

US-10-226-992-129
; Sequence 129, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Fornaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: RNA
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 129
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-226-992-129

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 6e+02;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 817 ACGGAGAGTCCCTCACC 834

Db 1 AGGAGAGGCGCUCACC 18
||||| | | | | | | | | | | | | | | | | |

RESULT 945

US-10-218-969-29
; Sequence 29, Application US/10218969
; Publication No. US20030165916A1
; GENERAL INFORMATION:
; APPLICANT: Sealton, Stuart
; APPLICANT: Yuen, Tony
; APPLICANT: Wumbach, Elisa
; TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling for High Content Drug
; TITLE OF INVENTION: Profiling and Toxicity Screening
; FILE REFERENCE: 2459-1-007N US/10/218,969
; CURRENT APPLICATION NUMBER: US/10/218,969
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/312,220
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: US 60/324,895
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-218-969-29

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 242 GCGGAGTGACCTGGAG 259
||||| | | | | | | | | | | | | | | | | |
Db 2 GCGGAGTGACATTGAAG 19

RESULT 946

US-10-251-117-63/c
; Sequence 63, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 63
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-251-117-63

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 289 CTTGCTTGTGCACGGGGC 306
||||| | | | | | | | | | | | | | | | | |
Db 19 CTTGCTTGTGCAGGGGGC 2

RESULT 947

US-10-251-117-312
; Sequence 312, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 312
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-251-117-312

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 55.6%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 10; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 289 CTTGCTTGTGCACGGGGC 306
||||| | | | | | | | | | | | | | | | | |
Db 1 CUUGGUUGUGCAGGGGGC 18

RESULT 948

US-10-251-117-642
; Sequence 642, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 642
; LENGTH: 19

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-642

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 66.7%; Pred. No. 6e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 616 TACATTAAGCTGGACAAA 633
    :|||:|||||:|||||
Db 1 UACAAUAAACUGGAAAAA 18

RESULT 949
US-10-251-117-949/c
; Sequence 949, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 949
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-949

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 616 TACATTAAGCTGGACAAA 633
    ||||| ||||| ||||| |||||
Db 19 TACAATAAATCGAAAAA 2

RESULT 950
US-10-084-839-889/c
; Sequence 889, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
```

```
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 889
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-889

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 512 ACCTGGACAGCTGACCC 529
    ||||| ||||| ||||| |||||
Db 18 ACCTGGACAGCAACCC 1

RESULT 951
US-10-244-647-381
; Sequence 381, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 381
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-381

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 61.1%; Pred. No. 6e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1486 AAACCTCTCTGACACTACT 1503
    ||||| ||||| ||||| |||||
```

```
Db 1 ACACUCCGGAACUACU 18
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1027
Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1486 AAACCTTCCTGACACTACT 1503
DB 19 ACACCTCCGGAACACTACT 2
RESULT 954
US-10-244-647-1215/c
; Sequence 1215, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 569
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-569
Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 61.1%; Pred. No. 6e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
QY 1486 AAACCTTCCTGACACTACT 1503
DB 2 ACACUCCGGAACUACU 19
RESULT 953
US-10-244-647-1027/c
; Sequence 1027, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1027
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1215
Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1486 AAACCTTCCTGACACTACT 1503
DB 18 ACACCTCCGGAACACTACT 1
RESULT 955
US-10-446-520-13
; Sequence 13, Application US/10446520
; Publication No. US20030235898A1
; GENERAL INFORMATION:
; APPLICANT: Kloeck, Andrew P.
; APPLICANT: Williams, Deryck J.
; APPLICANT: Salmon, Brandy
; APPLICANT: McLaird, Merry B.
; TITLE OF INVENTION: NEMATODE GS-LIKE SEQUENCES
; FILE REFERENCE: 12557-020001
; CURRENT APPLICATION NUMBER: US/10/446,520
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: US 10/098,602
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: US 60/276,621
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
```



```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Heterodera glycines
US-10-446-520-13

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 583 CTATCTGAGATTGGCTTT 600
DB 1 CTAATCCGAGAGGGCTTT 18

RESULT 956
US-10-349-143-9032/c
; Sequence 9032, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9032
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-2085 for SEQ 1167, in comple
US-10-349-143-9032

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1686 CATCTTCCTCGTCTACTC 1703
DB 18 CTTCTTCCTCGTCTACTC 1

RESULT 957
US-10-349-143-11036
; Sequence 11036, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
```

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11036
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-24156 for SEQ 3171, in comple
US-10-349-143-11036

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 964 AAGTGCTACACCCGAGAC 981
DB 1 AAAGTGCTAGACCCAGAC 18

RESULT 958
US-10-349-143-11495/c
; Sequence 11495, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11495
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-8055 for SEQ 3630, in compler
US-10-349-143-11495

Query Match          0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 505 GAGGCTTACTCGGCAAG 522
DB 19 GAGGACTTACTCGGCAAG 2

RESULT 959
US-10-444-925-126
; Sequence 126, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; TITLE OF INVENTION: BY RNA INTERFERENCE
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
```

; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-126

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAAGACGCGTAAAGGA 18
:|||||:|||||
Db 2 UGGAAGAGCCCAAGGA 19
:|||||:|||||

RESULT 960

US-10-444-925-127
; Sequence 127, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 127
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-127

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 77.8%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAAGACGCGTAAAGGA 18
:|||||:|||||
Db 1 UGGAAGAGCCCAAGGA 18
:|||||:|||||

RESULT 961

US-10-206-705-87
; Sequence 87, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; FILE REFERENCE: 900/035 (MBH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 87
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target sequence/siNA sense strand
US-10-206-705-87

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 72.2%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 23 CAGGAATGCAGAGGTAGG 40
:|||||:|||||:|||||
Db 2 CAGCAUGCCGCGUAGG 19
:|||||:|||||:|||||

RESULT 962

US-10-206-705-272/c
; Sequence 272, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; FILE REFERENCE: 900/035 (MBH02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 272
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-272

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 6e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 23 CAGGAATGCAGAGGTAGG 40
:|||||:|||||:|||||
Db 18 CAGGCATGCCGCGTAGG 1
:|||||:|||||:|||||

RESULT 963

US-08-911-824-100/c
; Sequence 100, Application US/08911824
; Publication No. US20030004323A1
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Hackett, John R., Jr.
; APPLICANT: Yamaguchi, Julie
; APPLICANT: Golden, Alan M.
; APPLICANT: Brennan, Catherine A.
; APPLICANT: Hickman, Robert K.
; APPLICANT: Devare, Sushil G.
; TITLE OF INVENTION: NOVEL ANTIGEN CONSTRUCTS USEFUL IN THE
; FILE REFERENCE: 6165.US.O1
; CURRENT APPLICATION NUMBER: US/08/911,824
; CURRENT FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human Immunodeficiency Virus
; FEATURE:
; OTHER INFORMATION: Sequencing primer pTB-S4
US-08-911-824-100

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 312 CAGCTCTGCACCAGAGAT 329

```
Db      18 CAGATCTGTTCCAGAT 1
||||| ||||| ||||| |||||
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 389
; SEQ ID NO 363
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-363

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      602 GGAACCTGGAGACCTACA 619
      ||||| ||||| ||||| |||||
Db      19 GGGAACTGAGACCTCCA 2

RESULT 966
US-09-841-366A-17/c
; Sequence 17, Application US/09841366A
; Patent No. US20020058265A1
; GENERAL INFORMATION:
; APPLICANT: Bacher, Jeffery W.
; APPLICANT: Flanagan, Laura
; APPLICANT: Nassif, Nadine
; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
; FILE REFERENCE: 16026-9267
; CURRENT APPLICATION NUMBER: US/09/841.366A
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: D3S2432 primer
US-09-841-366A-17

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1702 TCTTGCCTACCTGCCTG 1719
      ||||| ||||| ||||| |||||
Db      20 TGTCTATCTACCTGCCTG 3

RESULT 967
US-09-841-366A-48/c
; Sequence 48, Application US/09841366A
; Patent No. US20020058265A1
; GENERAL INFORMATION:
; APPLICANT: Bacher, Jeffery W.
; APPLICANT: Flanagan, Laura
; APPLICANT: Nassif, Nadine
; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
; FILE REFERENCE: 16026-9267
; CURRENT APPLICATION NUMBER: US/09/841.366A
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1

Db      1 CTGGAGAAAGCTGCTGCTC 18
||||| ||||| ||||| |||||
; PRIOR APPLICATION NUMBER: US/09854883
; PRIOR FILING DATE: 2001-05-14
; CURRENT APPLICATION NUMBER: US/09/854,883
; CURRENT FILING DATE: 2001-05-14

RESULT 964
US-09-870-725-12
; Sequence 12, Application US/09870725
; Patent No. US20020009745A1
; GENERAL INFORMATION:
; APPLICANT: Tung-Tien Sun, Xue-Ru Wu
; TITLE OF INVENTION: Methods of Detecting and Classifying
; Bladder Cancer
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/870,725
; FILING DATE: 01-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/969,317
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: NYU-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:

US-09-870-725-12
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      514 CTGGAGAAAGCTGACCCCTC 531
      ||||| ||||| ||||| |||||
Db      1 CTGGAGAAAGCTGCTGCTC 18

RESULT 965
US-09-854-883-363/c
; Sequence 363, Application US/09854883
; Patent No. US20020055479A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/09/854,883
; CURRENT FILING DATE: 2001-05-14
```


;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/850,351A
;; FILING DATE: 07-May-2001
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 09/073,898
;; FILING DATE: 06-May-1998
;; APPLICATION NUMBER: US 08/960,780
;; FILING DATE: 30-Oct-1997
;; APPLICATION NUMBER: US 60/029,848
;; FILING DATE: 30-Oct-1996
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sanders, Jay M.
;; REGISTRATION NUMBER: 39,355
;; REFERENCE/DOCKET NUMBER: MA-708CD1
;;
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 352-375-8100
;; TELEFAX: 352-372-5800
;;
;; INFORMATION FOR SEQ ID NO: 116:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
;; MOLECULE TYPE: DNA (genomic)
;; SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-09-850-351A-116

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACACTCATCT 1246
DB 2 AACAGCTACTCTCTTT 19

RESULT 971
US-09-866-866A-16/c
; Sequence 16, Application US/09866866A
; Patent No. US20020102244A1
; GENERAL INFORMATION:
; APPLICANT: Sorrentino, Brian
; TITLE OF INVENTION: A Method of Identifying and/or Isolating Stem Cells
; FILE REFERENCE: 1340-1-021CIP2
; CURRENT APPLICATION NUMBER: US/09/866,866A
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: 09/584,586
; PRIOR FILING DATE: 2000-05-31
; PRIOR APPLICATION NUMBER: PCT/US99/11825
; PRIOR FILING DATE: 1999-05-27
; PRIOR APPLICATION NUMBER: 60/086,988
; PRIOR FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-866-866A-16

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1384 GACCTCCTCACCACGCTG 1401

Db 19 GAGATCCTCACCACGCG 2

RESULT 972

US-09-731-457B-27
; Sequence 27, Application US/09731457B
; Patent No. US20020103146A1
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 1, I
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: R1S-0182
; CURRENT APPLICATION NUMBER: US/09/731,457B
; CURRENT FILING DATE: 2000-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-731-457B-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1366 CTTGATAGCGACGGGCC 1383
DB 1 CTTGAGAGTGACGGTCC 18

RESULT 973

US-09-909-849-20/c
; Sequence 20, Application US/09909849
; Patent No. US20020106754A1
; GENERAL INFORMATION:
; APPLICANT: Tauch, Andreas
; TITLE OF INVENTION: Nucleotide Sequences Which Code for the alr Gene
; FILE REFERENCE: 032301 WD 173
; CURRENT APPLICATION NUMBER: US/09/909,849
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Corynebacterium glutamicum
US-09-909-849-20

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 980 ACCTCAGCCCCAGACC 997
DB 19 ACCTCAGCGCAACAACC 2

RESULT 974

US-09-895-040A-5
; Sequence 5, Application US/09895040A
; Patent No. US20020123474A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; APPLICANT: Ji, Yonggang
; TITLE OF INVENTION: HUMAN GTP-RHO BINDING PROTEIN 2
; FILE REFERENCE: AROMICA-11
; CURRENT APPLICATION NUMBER: US/09/895,040A
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-895-040A-5

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 105 CGCGCCCCCGCGCATCGC 122
|||||
DB 3 CGCGCCCCCGCGCTAGC 20

RESULT 975

US-09-800-629A-7

; Sequence 7, Application US/09800629A

; Patent No. US20020128216A1

; GENERAL INFORMATION:

; APPLICANT: Dean, Nicholas M.

; APPLICANT: Karras, James G

; APPLICANT: McKay, Robert

; APPLICANT: Manoharan, Muthiah

; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL

; FILE REFERENCE: ISPH-0537

; CURRENT APPLICATION NUMBER: US/09/800,629A

; PRIOR FILING DATE: 2001-03-07

; PRIOR APPLICATION NUMBER: PCT/US00/07318

; PRIOR FILING DATE: 2000-03-17

; PRIOR APPLICATION NUMBER: 09/280,799

; PRIOR FILING DATE: 1999-03-26

; NUMBER OF SEQ ID NOS: 210

; SOFTWARE: Patent In Ver. 2.0

; SEQ ID NO 7

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-800-629A-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 654 CACCGTCTACAAAGGCAA 671
|||||
DB 3 CATCGTCTCAAGAGGAA 20

RESULT 976

US-09-815-153-21

; Sequence 21, Application US/09815153
; Patent No. US20020132978A1
; GENERAL INFORMATION:
; APPLICANT: RASTELLI, LUCA K.
; APPLICANT: GERBER, HANS-PETER
; TITLE OF INVENTION: VEGF-MODULATED GENES AND METHODS EMPLOYING THEM
; FILE REFERENCE: 10716/34
; CURRENT APPLICATION NUMBER: US/09/815,153
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/191,201
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-815-153-21

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1153 GACATGTGGGTGTGGC 1170
|||||
DB 2 GACAGTCGGGTGAGGC 19

RESULT 977

US-09-969-373-3055/c

; Sequence 3055, Application US/09969373

; Patent No. US2002013852A1

; GENERAL INFORMATION:

; APPLICANT: Effertz, Roger J.

; APPLICANT: Hauge, Brian M.

; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping

; FILE REFERENCE: 38-10(52679)A

; CURRENT APPLICATION NUMBER: US/09/969,373

; PRIOR FILING DATE: 2001-10-02

; PRIOR APPLICATION NUMBER: US 09/754,853

; PRIOR FILING DATE: 2001-01-05

; PRIOR APPLICATION NUMBER: US 09/760,427

; PRIOR FILING DATE: 2001-01-13

; PRIOR APPLICATION NUMBER: US 09/855,768

; NUMBER OF SEQ ID NOS: 4593

; SEQ ID NO 3055

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Glycine max

US-09-969-373-3055

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 21 GACAGGAATGCAGAGTA 38
|||||
DB 20 GATGGGAATGCATAGTA 3

RESULT 978

US-09-791-406-46

; Sequence 46, Application US/09791406

; Patent No. US20020147165A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Robert Rothlein

; APPLICANT: Takashi Kei Kishimoto

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION

FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791,406
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 46
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTTCCAGCCAGCTCTCGG 394
Db 2 CTTATCCCGAGTCTCGG 19

RESULT 979

US-09-832-659-15
Sequence 15, Application US/09832659
Patent No. US20020155547A1
GENERAL INFORMATION:
APPLICANT: BIOGEN, INC.
TITLE OF INVENTION: Interferon-Beta Fusion Proteins and Uses
FILE REFERENCE: A064PCTSEQ
CURRENT APPLICATION NUMBER: US/09/832,659
CURRENT FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/120,237
PRIOR FILING DATE: 1999-02-16
PRIOR APPLICATION NUMBER: 60/104,491
PRIOR FILING DATE: 1998-10-16
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-09-832-659-15

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 60.0%; Pred. No. 6.5e+02;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 140 AGATCAACGGCAGCTGTCA 159
Db 1 AGGTSMARCTGCAGSAGTCW 20

RESULT 980

US-09-832-659-35
Sequence 35, Application US/09832659
Patent No. US20020155547A1
GENERAL INFORMATION:
APPLICANT: BIOGEN, INC.
TITLE OF INVENTION: Interferon-Beta Fusion Proteins and Uses
FILE REFERENCE: A064PCTSEQ
CURRENT APPLICATION NUMBER: US/09/832,659
CURRENT FILING DATE: 2001-04-11
PRIOR APPLICATION NUMBER: 60/120,237
PRIOR FILING DATE: 1999-02-16
PRIOR APPLICATION NUMBER: 60/104,491
PRIOR FILING DATE: 1998-10-16
NUMBER OF SEQ ID NOS: 44
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: murine
US-09-832-659-35

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 60.0%; Pred. No. 6.5e+02;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 140 AGATCAACGGCAGCTGTCA 159
Db 1 AGGTSMARCTGCAGSAGTCW 20

RESULT 981

US-09-863-806-14
Sequence 14, Application US/09863806
Publication No. US20020197608A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099

INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-863-806-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCCTATCTGAGA 592
Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 982

US-09-863-806-46/c
Sequence 46, Application US/09863806
Publication No. US20020197608A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 46:
US-09-863-806-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
| | | | | | | | | | | | | | | | | | | | | |
DB 20 GTGTCAGAGATCTGAGA 3

RESULT 983
US-09-824-322B-260/c
; Sequence 260, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO: 260
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-260

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 554 CCCTCAGCGCCGCTCC 571
| | | | | | | | | | | | | | | | | | | | | |
DB 18 CCCTCAGAGCCACATCC 1

RESULT 984
US-09-824-322B-304
; Sequence 304, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO: 304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-304

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1098 GTGTACCGGCCCTCTGA 1115
| | | | | | | | | | | | | | | | | | | | | |
DB 1 GAGGTACAGCGCCCTCTGA 18

RESULT 985
US-09-931-375A-27
; Sequence 27, Application US/09931375A
; Publication No. US20030027151A1
; GENERAL INFORMATION:
; APPLICANT: GONG, Yaogin
; APPLICANT: WARMAN, Matthew L.
; APPLICANT: OLSEN, Bjorn R.
; APPLICANT: RAWADI, Georges
; APPLICANT: ROMAN-ROMAN, Sergio
; TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEFUL FOR THE DIAGNOSIS AND THERAPY OF OSTEOPOROSIS
; FILE REFERENCE: 38464-0004
; CURRENT APPLICATION NUMBER: US/09/931,375A
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: US 60/304,851
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/234,337
; PRIOR FILING DATE: 2000-09-22
; PRIOR APPLICATION NUMBER: US 60/226,119
; PRIOR FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: Patent in version 3.0
; SEQ ID NO: 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-931-375A-27

US-09-931-375A-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGGGCT 944
|||||
Db 1 CCAGCTCCTCTGTGGCTT 18

RESULT 986

US-09-932-367A-105/c
; Sequence 105, Application US/09932367A
; Publication No. US20030027152A1

GENERAL INFORMATION:

; APPLICANT: RHODES, Simon J.
; APPLICANT: BRIDWELL, Jeanne L.
; APPLICANT: MEIER, Bradley C.
; APPLICANT: PARKER, Gretchen E.
; APPLICANT: PRICE, Jeffrey R.
; APPLICANT: SHOWALTER, Aaron D.
; APPLICANT: SLOOP, Kyle W.
; TITLE OF INVENTION: GENERATION OF DIAGNOSTIC TOOLS TO ASSAY THE HUMAN
; TITLE OF INVENTION: LHX3/P-LIM/LIM-3 FACTOR
; FILE REFERENCE: 053884-5003
; CURRENT APPLICATION NUMBER: US/09/932,367A
; CURRENT FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/04424
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/121,110
; PRIOR FILING DATE: 1999-02-22
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer

US-09-932-367A-105

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1081 AATGAGTGGTGACACTG 1098
|||||
Db 18 ACTGAGGTGTGGCACTG 1

RESULT 987

US-09-944-161-8
; Sequence 8, Application US/09944161
; Publication No. US2003005435A1

GENERAL INFORMATION:

; APPLICANT: Warthoe, Peter
; TITLE OF INVENTION: Microsensors and Method for Detecting Target Analytes
; FILE REFERENCE: A-70903/RFT/DCF
; CURRENT APPLICATION NUMBER: US/09/944,161
; CURRENT FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/261,222
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: PA 2000 01310
; PRIOR FILING DATE: 2000-09-04
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence.

US-09-944-161-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 AGCTGGACAACTGGGCG 640
|||||
Db 2 AGCTTGACAAAGTGGTCG 19

RESULT 988

US-09-906-158-85/c
; Sequence 85, Application US/09906158
; Publication No. US20030078217A1

GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRE
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-906-158-85

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CCGGACGAGGCTGTACA 974
|||||
Db 18 CTGGAGCAGGCTGTACA 1

RESULT 989

US-09-952-522B-24/c
; Sequence 24, Application US/09952522B
; Publication No. US20030082152A1

GENERAL INFORMATION:

; APPLICANT: Katz, Adam J.
; APPLICANT: Llull, Ramon
; APPLICANT: Futrell, J. William
; APPLICANT: Hedrick, Marc H.
; APPLICANT: Benhaim, Prosper
; APPLICANT: Lorenz, Hermann Peter
; APPLICANT: Zhu, Min
; TITLE OF INVENTION: ADIPOSE-DERIVED STEM CELLS AND LATTICES
; FILE REFERENCE: 30448.77US11
; CURRENT APPLICATION NUMBER: US/09/952,522B
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: PCT/US00/06232
; PRIOR FILING DATE: 2000-03-10
; PRIOR APPLICATION NUMBER: 60/123,711
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/162,462
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Collagen I
; OTHER INFORMATION: reverse primer

US-09-952-522B-24

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 227 AGAGTGGTGGTGGTGGCG 244
    |||||
Db 18 AGAGTGGTGGTGGTGGTG 1

RESULT 990
US-09-917-963-36
; Sequence 36, Application US/09917963
; Publication No. US20030086912A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN
; FILE REFERENCE: ISPH-0591
; CURRENT APPLICATION NUMBER: US/09/917,963
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 137
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-917-963-36

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGCAGGAGG 47
    |||||
Db 3 GCAGTGGTAGCCAGGTGG 20

RESULT 991
US-09-953-047-57
; Sequence 57, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-57

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1334 GAGCGAGGCGCCCTTTTGA 1351
    |||||
Db 2 GAGCAGAGGCCCTCTGA 19

RESULT 992
US-09-967-655-18
; Sequence 18, Application US/09967655
; Publication No. US20030092649A1
; GENERAL INFORMATION:
```

```
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECE
; FILE REFERENCE: RTS-0227
; CURRENT APPLICATION NUMBER: US/09/967,655
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-18

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1563 GATGCTGACTCAGGCAG 1580
    |||||
Db 2 GATGCCCCGCGCAGGCAG 19

RESULT 993
US-09-998-027-164
; Sequence 164, Application US/09998027
; Publication No. US20030093819A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea et al.
; TITLE OF INVENTION: Methods and Compositions for the
; TITLE OF INVENTION: Diagnosis and Treatment of Cancers Associated with Defective
; FILE REFERENCE: 2486/101
; CURRENT APPLICATION NUMBER: US/09/998,027
; CURRENT FILING DATE: 2001-11-02
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 164
; LENGTH: 20
; TYPE: DNA
; ORGANISM: MG742
US-09-998-027-164

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 868 CAGTACTGTGATGACTGT 885
    |||||
Db 2 CAGTGCCTTGTGACTGT 19

RESULT 994
US-09-918-026A-18/c
; Sequence 18, Application US/09918026A
; Publication No. US20030096772A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemonidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COA CHOLESTEROL ACYLTRANSFERASE-2
; FILE REFERENCE: ISPH-0588
; CURRENT APPLICATION NUMBER: US/09/918,026A
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 65
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

RESULT 997

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-168

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 78 AGGCGCCCGCGCTCTGA 95
| | | | | | | | | | | | | | | | | | | | | |
Db 18 AGGCGCCCGCGCTCTGA 1

RESULT 1000

US-09-851-871-26
; Sequence 26, Application US/09851871
; Publication No. US20030176374A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CACACGAGAGTCCCTC 831
| | | | | | | | | | | | | | | | | | | | | |
Db 2 CTCACGTAGAGACCTC 19

RESULT 1001

US-09-864-426A-2495/c
; Sequence 2495, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Iyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2840
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2495
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2495

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TCAAGACATACACTACC 1324
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TCAAGACTAGCCTACC 3

RESULT 1002

US-10-380-195A-12/c
; Sequence 12, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
; FILE REFERENCE: UBC-P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-12

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1591 CGCGTGGTGACACCCGAG 1608
| | | | | | | | | | | | | | | | | | | | | |
Db 20 CGCGGCGGTGCACACCCAG 3

RESULT 1003

US-10-380-195A-55/c
; Sequence 55, Application US/10380195A
; Publication No. US20040072776A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Kiyama, Satoshi
; APPLICANT: Nelson, Colleen
; APPLICANT: Rennie, Paul
; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
; TITLE OF INVENTION: Oligodeoxynucleotides for Prostate and Endocrine Tumor Therapy
; FILE REFERENCE: UBC-P-023
; CURRENT APPLICATION NUMBER: US/10/380,195A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: PCT/US01/28748
; PRIOR FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: US 60/232,641
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-55/c


```
; Sequence 99, Application US/10665216
; Publication No. US20040043957A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF UROKINASE PLASMINOGEN ACTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0188
; CURRENT APPLICATION NUMBER: US/10/665,216
; CURRENT FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: US/09/821,972
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 99
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-665-216-99

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      142 ATCAACGGCAGCTGTCA 159
Db      19 ATCAAACTGGCTGTCA 2

RESULT 1008
US-09-984-637-1/c
; Sequence 1, Application US/09984637
; Publication No. US20040048246A1
; GENERAL INFORMATION:
; APPLICANT: Tosoh Corporation
; TITLE OF INVENTION: OLIGONUCLEOTIDE FOR DETECTION OF HIV-1 AND DETECTION METHOD
; FILE REFERENCE: PA211-0315
; CURRENT APPLICATION NUMBER: US/09/984,637
; CURRENT FILING DATE: 2001-10-30
; NUMBER OF SEQ ID NOS: 30
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide hybridizable with a specific site of HIV-1 RNA
US-09-984-637-1

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1364 GACTGATACGCGCGGG 1381
Db      20 GACTTGAAGCGAAGGG 3

RESULT 1009
US-10-380-125-71/c
; Sequence 71, Application US/10380125
; Publication No. US20040048818A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTPS-0176
; CURRENT APPLICATION NUMBER: US/10/380,125
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/658,679
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
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; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-125-71

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      503 CTGAGGGCTACCTGGAGA 520
Db      20 CTGAGGACAACTGTCAGA 3

RESULT 1010
US-10-630-401-57
; Sequence 57, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-57

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1334 GAGCCGAGGCGCTTTTGA 1351
Db      2 GAGCAGAGGCCCTCTGA 19

RESULT 1011
US-09-820-198-4/c
; Sequence 4, Application US/09820198
; Publication No. US20020045258A1
; GENERAL INFORMATION:
; APPLICANT: Bickenbach, Jackie R.
; TITLE OF INVENTION: Method to isolate epidermal stem cells
; FILE REFERENCE: 875.029US1
; CURRENT APPLICATION NUMBER: US/09/820,198
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/192754
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A primer
US-09-820-198-4

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```


Qy 575 GTGTCAGCCTATCTGAGA 592
|||||
Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 1015

US-10-162-846-16/c
; Sequence 16, Application US/10162846
; Publication No. US20030224516A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROX-1 EXPRESSION
; FILE REFERENCE: RTS-0421
; CURRENT APPLICATION NUMBER: US/10/162,846
; CURRENT FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-162-846-16

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 335 ACGAGGACTTGAAGATGG 352
|||||
Db 19 ACGAGCTTTTGAAGATGG 2

RESULT 1016

US-10-162-846-93
; Sequence 93, Application US/10162846
; Publication No. US20030224516A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROX-1 EXPRESSION
; FILE REFERENCE: RTS-0421
; CURRENT APPLICATION NUMBER: US/10/162,846
; CURRENT FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-162-846-93

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 335 ACGAGGACTTGAAGATGG 352
|||||
Db 2 ACGAGCTTTTGAAGATGG 19

RESULT 1017

US-10-463-509-18
; Sequence 18, Application US/10463509
; Publication No. US20030203468A1
; GENERAL INFORMATION:
; APPLICANT: Mattes, Ralf
; Klein, Kathrin
; Schiweck, Hubert
; Kunz, Markwart
; Munir, Mohammed
; TITLE OF INVENTION: Preparation of Acariogenic Sugar
; Substitutes

NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/463,509
FILING DATE: 18-Jun-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/374,155A
FILING DATE: 18-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Forman, David S
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05638.0006-00000
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-463-509-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

Qy 482 TACCAGCTGACATCGGCTG 501
|||||
Db 1 TCCCAGTTTCAGTCCGGCTG 20

RESULT 1018

US-10-388-360-272
; Sequence 272, Application US/10388360
; Publication No. US2003022528A1
; GENERAL INFORMATION:
; APPLICANT: GENOMIC HEALTH
; APPLICANT: Baker, Joffre B.
; APPLICANT: Cronin, Maureen T.
; APPLICANT: Kiefer, Michael C.
; APPLICANT: Shak, Steve
; APPLICANT: Walker, Michael Graham
; TITLE OF INVENTION: GENE EXPRESSION PROFILING IN BIOPSED TUMOR TISSUES
; FILE REFERENCE: 39740-0001US
; CURRENT APPLICATION NUMBER: US/10/388,360
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US 60/412,049
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: US 60/364,890
; PRIOR FILING DATE: 2002-03-13
; NUMBER OF SEQ ID NOS: 384
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 272
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-388-360-272

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 324 AGAGATTGTCACGAGGA 341
DB 3 ACAGATTGTCACGAGGA 20

RESULT 1019
US-10-025-167-29/c
; Sequence 29, Application US/10025167
; Publication No. US20020127693A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA A.
; COHEN, MAURICE
; COLPITTS, TRACEY L.
; FRIEDMAN, PAULA N.
; HAYDEN, MARK
; KLASS, MICHAEL R.
; ROBERTS-RAPP, LISA
; RUSSELL, JOHN C.
; STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THE
; USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL
; TRACT
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/025,167
; FILING DATE: 19-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/049,698
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/828,856
; FILING DATE: 31-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6068.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-025-167-29

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1109 CCCCTGACATCTGCTTG 1126
DB 18 CCCCTGACATCTGCTTG 1

RESULT 1020
US-10-011-119A-7/c
; Sequence 7, Application US/10011119A
; Publication No. US20020150928A1
; GENERAL INFORMATION:
; APPLICANT: Mansson, Per
; APPLICANT: Lundin, Tomas
; TITLE OF INVENTION: DNA-EMBEDDING MEDIUM AND METHOD OF USE
; FILE REFERENCE: P/2432-45
; CURRENT APPLICATION NUMBER: US/10/011,119A
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 09/605,611
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Construct
US-10-011-119A-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 512 ACCTGAGAGAGCTGACCC 529
DB 19 ACCCGAGAGATGACCC 2

RESULT 1021
US-10-044-671-10
; Sequence 10, Application US/10044671
; Publication No. US20020177147A1
; GENERAL INFORMATION:
; APPLICANT: Washington State University Research Foundation
; APPLICANT: Mealey, Katrina
; APPLICANT: Bentjen, Steven
; TITLE OF INVENTION: MDR1 VARIANTS AND METHODS FOR THEIR USE
; FILE REFERENCE: 4630-61733
; CURRENT APPLICATION NUMBER: US/10/044,671
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/261,578
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: US 60/314,829
; PRIOR FILING DATE: 2001-08-24
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic oligonucleotide
US-10-044-671-10

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 AGCCCCATCTTTGACAG 552
DB 3 AGCCGCATCATTTGCAAG 20

RESULT 1022
US-10-060-301-19/c
; Sequence 19, Application US/10060301
; Publication No. US20020182622A1
; GENERAL INFORMATION:

APPLICANT: NAKAMURA, Yusuke et al.
; TITLE OF INVENTION: A METHOD FOR SNP (SINGLE NUCLEOTIDE POLYMORPHISM) TYPING
; FILE REFERENCE: 1254-0195p
; CURRENT APPLICATION NUMBER: US/10/060,301
; CURRENT FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: JP 2001-25700
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 200
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Forward Primer for SNP ID 10
US-10-060-301-19
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 233 GTGGTGGTGGCGGAGTG 250
Db 18 GTGATGGTGGTGGAGTG 1
RESULT 1023
US-10-115-563-4
; Sequence 4, Application US/10115563
; Publication No. US20030008307A1
; GENERAL INFORMATION:
; APPLICANT: Griffin, John H
; GREENGARD, Judith S
; TITLE OF INVENTION: METHODS FOR DIAGNOSING ACTIVATED PROTEIN
; C RESISTANCE ASSOCIATED WITH A FACTOR V GENETIC MUTATION
AND COMPOSITIONS THEREOF
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: The Scripps Research Institute, Office of
Patent Counsel
STREET: 10666 No. US20030008307A1th Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/10/115,563
; APPLICATION NUMBER: US/10/115,563
; FILING DATE: 02-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,488
; FILING DATE: 24-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fitting, Thomas
; REGISTRATION NUMBER: 34,163
; REFERENCE/DOCKET NUMBER: 449.0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-554-2937
; TELEFAX: 619-554-6312
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-10-115-563-4

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1073 CATACCTCAATGAGGTGG 1090
Db 1 CATACCTCAATGAGGTGG 18

RESULT 1024

US-10-055-412B-23
; Sequence 23, Application US/10055412B
; Publication No. US20030059861A1
; GENERAL INFORMATION:
; APPLICANT: Pauli, Benedicht U.
; TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium
; FILE REFERENCE: 18617,0058
; CURRENT APPLICATION NUMBER: US/10/055,412B
; CURRENT FILING DATE: 2001-10-29
; PRIOR APPLICATION NUMBER: US/09/193,562
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: US/60/065,922
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-10-055-412B-23
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 211 CAGATAGGCTGGATGAG 228
Db 3 CAGACAGGCTGTATGAG 20

RESULT 1025

US-10-159-495-7/c
; Sequence 7, Application US/10159495
; Publication No. US20030073106A1
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Fiandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices
; CURRENT APPLICATION NUMBER: US/10/159,495
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 09/456,773
; PRIOR FILING DATE: 1999-12-08
; PRIOR APPLICATION NUMBER: 60/111,439
; PRIOR FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: probe, primer or target
US-10-159-495-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAAC 781
DB 20 TGCTCAAGGACCTCAAC 3

RESULT 1026

US-10-181-107-121
; Sequence 121, Application US/10181107
; Publication No. US20030083295A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTSP-0325
; CURRENT APPLICATION NUMBER: US/10/181,107
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: PCT/US01/00888
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/484,617
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-121

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 581 GCCTATCTGAGATTGGCT 598
DB 3 GTCTCTCTGAGATTGGCT 20

RESULT 1027

US-10-181-107-165
; Sequence 165, Application US/10181107
; Publication No. US20030083295A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTSP-0325
; CURRENT APPLICATION NUMBER: US/10/181,107
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: PCT/US01/00888
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/484,617
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-165

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 533 ATAGCCCCCATCTTTGACA 550
DB 2 ATAGTACCATCATTTGACA 19

RESULT 1028

US-10-181-107-174/c
; Sequence 174, Application US/10181107
; Publication No. US20030083295A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTSP-0325
; CURRENT APPLICATION NUMBER: US/10/181,107
; CURRENT FILING DATE: 2002-07-11
; PRIOR APPLICATION NUMBER: PCT/US01/00888
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/484,617
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-174

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 533 ATAGCCCCCATCTTTGACA 550
DB 19 ATAGTACCATCATTTGACA 2

RESULT 1029

US-10-181-846-74
; Sequence 74, Application US/10181846
; Publication No. US20030083297A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-74

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 446 AGATCTCCACTGAGGACA 463
DB 3 AGATCTGTAGTCAAGACA 20

RESULT 1030

US-10-061-269-18
; Sequence 18, Application US/10061269
; Publication No. US20030087416A1
; GENERAL INFORMATION:

```
; APPLICANT: Mattes, Ralf
; Klein, Kathrin
; Schiweck, Hubert
; Kunz, Markwart
; Munir, Mohammed
; Substitutes
TITLE OF INVENTION: Preparation of Acariogenic Sugar
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
  Dummer
  STREET: 1300 I Street, N.W.
  CITY: Washington
  STATE: D.C.
  COUNTRY: USA
  ZIP: 20005-3315
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US 08/374,155
  FILING DATE: 22-JAN-1995
  ATTORNEY/AGENT INFORMATION:
    NAME: Forman, David S
    REGISTRATION NUMBER: 33,694
    REFERENCE/DOCKET NUMBER: 05638.0006-00000
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (202) 408-4000
  TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 18:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 20 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: single
    TOPOLOGY: linear
  MOLECULE TYPE: DNA (genomic)
  SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-061-269-18

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 482 TACCAGCTGACATCCGGCTG 501
DB 1 TCCAGTTCAGTCCGGCTG 20

RESULT 1031
US-10-159-322-7/c
; Sequence 7, Application US/10159322
; Publication No. US20030091988A1
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Flandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Nucleic Acids Electrostatically Bound To Matrices
; FILE REFERENCE: BP9807US-DVI
; CURRENT APPLICATION NUMBER: US/10/159,322
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 09/456,773
; PRIOR FILING DATE: 1999-12-08
; PRIOR APPLICATION NUMBER: 60/111,439
; PRIOR FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
; OTHER INFORMATION: probe, primer or target
US-10-159-322-7

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAAC 781
DB 20 TGCTCAAGGCTCAACC 3

RESULT 1032
US-10-154-251-82/c
; Sequence 82, Application US/10154251
; Publication No. US20030092024A1
; GENERAL INFORMATION:
; APPLICANT: Youngman, Philip
; APPLICANT: Fritz, Christian
; APPLICANT: Murphy, Christopher
; APPLICANT: Guzman, Luz-Maria
; TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE
; FILE REFERENCE: 06286-060002
; CURRENT APPLICATION NUMBER: US/10/154,251
; CURRENT FILING DATE: 2002-09-16
; PRIOR APPLICATION NUMBER: US 10/154,251
; PRIOR FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
US-10-154-251-82

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1700 ACTCTGTGCTTACCTGCC 1717
DB 20 ATTCTGTGCTTCTTGCC 3

RESULT 1033
US-10-118-783-62/c
; Sequence 62, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Primer

US-10-118-783-62

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1393 ACCAAGCTGTGCAGTTT 1410

Db 19 ATCCAGCTGTGGCAGTTT 2

RESULT 1034

US-10-094-458A-33/c

; Sequence 33, Application US/100944458A

; Publication No. US20030097685A1

; GENERAL INFORMATION:

; APPLICANT: BENNING, CHRISTOPHER

; APPLICANT: CERNAC, ALEX

; TITLE OF INVENTION: LIPID METABOLISM REGULATORS IN PLANTS

; FILE REFERENCE: 16313.0097

; CURRENT APPLICATION NUMBER: US/10/094,458A

; CURRENT FILING DATE: 2002-10-10

; PRIOR FILING DATE: 2002-10-10

; PRIOR FILING DATE: 2001-03-08

; NUMBER OF SEQ ID NOS: 39

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 33

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer

US-10-094-458A-33

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CAAAGCAAGCTCACAGA 686

Db 19 CAAATCAAGCTCCCTGA 2

RESULT 1035

US-10-143-266-8

; Sequence 8, Application US/10143266

; Publication No. US20030108887A1

; GENERAL INFORMATION:

; APPLICANT: Ranum, Laura

; APPLICANT: Day, John

; APPLICANT: Liquori, Christina

; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U

; FILE REFERENCE: 110.01580101

; CURRENT APPLICATION NUMBER: US/10/143,266

; CURRENT FILING DATE: 2002-05-10

; PRIOR APPLICATION NUMBER: 60/290,365

; PRIOR FILING DATE: 2001-05-11

; PRIOR APPLICATION NUMBER: 60/302,022

; PRIOR FILING DATE: 2001-06-29

; PRIOR APPLICATION NUMBER: 60/337,831

; PRIOR FILING DATE: 2001-11-13

; NUMBER OF SEQ ID NOS: 39

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: primer

US-10-143-266-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 829 CTCACCCCTGCTCTTGAG 846

Db 3 CTGACCCCTGCTCTTCCAG 20

RESULT 1036

US-10-190-012-18/c

; Sequence 18, Application US/10190012

; Publication No. US20030108971A1

; GENERAL INFORMATION:

; APPLICANT: Alessi, Dario R

; TITLE OF INVENTION: ENZYME

; NUMBER OF SEQUENCES: 35

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Jaeckle Fleischmann & Mugel, LLP

; STREET: 39 State Street

; CITY: Rochester

; STATE: New York

; COUNTRY: USA

; ZIP: 14614-1310

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/190,012

; FILING DATE: 05-Jul-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/943,667

; FILING DATE: 03-OCT-1997

; APPLICATION NUMBER: GB 9705462.1

; FILING DATE: 17-MAR-1997

; APPLICATION NUMBER: GB 9712826.8

; FILING DATE: 19-JUN-1997

; APPLICATION NUMBER: GB 9717253.0

; FILING DATE: 15-AUG-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Braman, Susan J

; REGISTRATION NUMBER: 34,103

; REFERENCE/DOCKET NUMBER: 87792.97R421

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 716-262-3640

; TELEFAX: 716-262-4133

; INFORMATION FOR SEQ ID NO: 18:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: other nucleic acid

; DESCRIPTION: /desc = "PCR PRIMER"

; SEQUENCE DESCRIPTION: SEQ ID NO: 18:

US-10-190-012-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1656 CCACACCCCTCACAGGSC 1673

Db 20 CCACACGCTTAACAGGAC 3

RESULT 1037

US-10-006-430-27

; Sequence 27, Application US/10006430

; Publication No. US20030113914A1

; GENERAL INFORMATION:

```
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-430-27

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1627 GGCCCCAGCAGCGCGG 1644
Db 1 GTCCCCAGCAGCGACTGG 18

RESULT 1038
US-10-279-186-20/c
; Sequence 20, Application US/10279186
; Publication No. US20030114407A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR
; TITLE OF INVENTION: ETBR-LP-2 EXPRESSION
; FILE REFERENCE: RTS-0346
; CURRENT APPLICATION NUMBER: US/10/279,186
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: US/10/003,126
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-279-186-20

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 855 CAAGGACCTGAGCAGTA 872
Db 19 CAAGGCGGTGCAGCAGTA 2

RESULT 1039
US-10-232-561-4
; Sequence 4, Application US/10232561
; Publication No. US2003011972A1
; GENERAL INFORMATION:
; APPLICANT: Genetta, Thomas
; TITLE OF INVENTION: Methods and compositions useful for
; diagnosis, staging, and treatment of cancers and tumors
; FILE REFERENCE: CHOP 00-99
; CURRENT APPLICATION NUMBER: US/10/232,561
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 60/317,300
; PRIOR FILING DATE: 2001-09-05
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-232-561-4

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 AGCTGGACAAACTGGCGG 640
Db 2 AGCTTGACAAAGTGGTCG 19

RESULT 1040
US-10-006-366-38/c
; Sequence 38, Application US/10006366
; Publication No. US20030125273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0332
; CURRENT APPLICATION NUMBER: US/10/006,366
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-38

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 86 GCGGCTCTGAGGTGCTC 103
Db 18 GCTGCTCGAGGTTCAC 1

RESULT 1041
US-10-007-010-86
; Sequence 86, Application US/10007010
; Publication No. US20030125275A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HCK EXPRESSION
; FILE REFERENCE: RTS-0345
; CURRENT APPLICATION NUMBER: US/10/007,010
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-010-86

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CGGCAGAGGTGCTACA 974
Db 3 CCAGCAGAGATGCCACA 20
```

RESULT 1042
US-10-290-473-14
; Sequence 14, Application US/10290473
; Publication No. US20030134309A1
; GENERAL INFORMATION:
; APPLICANT: SIDRANSKY, DAVID
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; SEQUENCE IN TISSUE
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/290,473
; FILING DATE: 08-May-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,727
; FILING DATE: 12-MAY-1997
; APPLICATION NUMBER: 08/299,477
; FILING DATE: 31-AUG-1994
; APPLICATION NUMBER: <Unknown>
; FILING DATE: August 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3485
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-10-290-473-14
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 575 GTGTCAGCCTATCTGAGA 592
Db 1 GTGTCAGAGGATCTGAGA 18
RESULT 1043
US-10-290-473-34/c
; Sequence 34, Application US/10290473
; Publication No. US20030134309A1
; GENERAL INFORMATION:
; APPLICANT: SIDRANSKY, DAVID
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; SEQUENCE IN TISSUE
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/290,473
; FILING DATE: 08-May-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,727
; FILING DATE: 12-MAY-1997
; APPLICATION NUMBER: 08/299,477
; FILING DATE: 31-AUG-1994
; APPLICATION NUMBER: <Unknown>
; FILING DATE: August 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3485
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-290-473-34
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 575 GTGTCAGCCTATCTGAGA 592
Db 20 GTGTCAGAGGATCTGAGA 3
RESULT 1044
US-10-348-485-44
; Sequence 44, Application US/10348485
; Publication No. US20030148989A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/348,485
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/025,139
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996

; TITLE OF INVENTION: High Throughput Methods of HLA Typing
 ; FILE REFERENCE: 020035-000210US

; CURRENT APPLICATION NUMBER: US/10/133,779
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 169
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-169

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
QY 1427 TCTCCGCGAGGATGCCATG 1446
|| : ||||| ||||| |||||
Db 1 TCCYCGCGAGGATTCGTG 20

RESULT 1049
US-10-114-544-18/c
; Sequence 18, Application US/10/114,544
; Publication No. US20030166592A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE
; FILE REFERENCE: RTSP-0240
; CURRENT APPLICATION NUMBER: US/10/114,544
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 10/019,470
; PRIOR FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: US 09/357,071
; PRIOR FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-114-544-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 125 TGGATCGGATGAGAGA 142
||||| ||||| |||||
Db 19 TGGATTGGATATAGAAGA 2

RESULT 1050
US-10-178-738-4/c
; Sequence 4, Application US/10/178,738
; Publication No. US20030166596A1
; GENERAL INFORMATION:
; APPLICANT: YANAI, Yoshiaki
; APPLICANT: ARIVASU, Harumi
; APPLICANT: OHTA, Tsunetaka
; TITLE OF INVENTION: DNA WHICH ENCODES TREHALASE AND USES THEREOF
; FILE REFERENCE: YANAI=1
; CURRENT APPLICATION NUMBER: US/10/178,738
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: US/09/578,921
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: JP 147284/1999

; PRIOR FILING DATE: 1999-05-26
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed oligonucleotide based on conserved nucleotide sequences
; OTHER INFORMATION: in cDNAs for human and rat trehalase
US-10-178-738-4

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1481 TCCACAAACTTCTGTGACA 1498
||||| ||||| |||||
Db 20 TCCACAAACTGCTGTGCA 3

RESULT 1051
US-10-326-190A-8
; Sequence 8, Application US/10326190A
; Publication No. US20030170215A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Wang, Yanping
; APPLICANT: AmCyt Inc.
; TITLE OF INVENTION: In Situ Maturation of Cultured Pancreatic Stem Cells
; FILE REFERENCE: 021164-000210US
; CURRENT APPLICATION NUMBER: US/10/326,190A
; CURRENT FILING DATE: 2002-12-20
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: US 60/342,250
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:insulin LC RED
; OTHER INFORMATION: probe
US-10-326-190A-8

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 505 GAGGGCTACTCGAGAG 522
||||| ||||| |||||
Db 3 GAGGGGTCCCTGCAGAG 20

RESULT 1052
US-10-020-721-6
; Sequence 6, Application US/10020721
; Publication No. US20030170629A1
; GENERAL INFORMATION:
; APPLICANT: HITACHI SOFTWARE ENGINEERING CO., LTD.
; TITLE OF INVENTION: DETECTION METHOD AND DETECTION KIT FOR PCR AMPLIFIED
; FILE REFERENCE: PH-1431
; CURRENT APPLICATION NUMBER: US/10/020,721
; CURRENT FILING DATE: 2001-12-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis C virus

US-10-020-721-6

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1386 CCTCCTCACCAGCTGTT 1403
|||||
Db 2 CCTCATCTCCAGCTGTT 19

RESULT 1053

US-10-305-810-18/c
; Sequence 18, Application US/10305810
; Publication No. US20030176385A1

; GENERAL INFORMATION:

; APPLICANT: Ju, Jingfang

; APPLICANT: Huang, Chunli

; APPLICANT: Zhong, Hailong

; APPLICANT: Simons, Jan Fredrik

; APPLICANT: Tailon, Bruce E.

; APPLICANT: Chant, John S.

; APPLICANT: Peyman, John A.

; APPLICANT: Smithson, Glennda

; APPLICANT: Millet, Isabelle

; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION

; FILE REFERENCE: 21402-501

; CURRENT APPLICATION NUMBER: US/10/305,810

; CURRENT FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: 60/334,148

; PRIOR FILING DATE: 2001-11-29

; PRIOR APPLICATION NUMBER: 60/336,572

; PRIOR FILING DATE: 2001-12-04

; PRIOR APPLICATION NUMBER: 09/625,634

; PRIOR FILING DATE: 2000-07-26

; PRIOR APPLICATION NUMBER: 60/192,838

; PRIOR FILING DATE: 2000-03-29

; PRIOR APPLICATION NUMBER: 60/194,256

; PRIOR FILING DATE: 2000-04-03

; PRIOR APPLICATION NUMBER: 09/957,187

; PRIOR FILING DATE: 2001-09-19

; PRIOR APPLICATION NUMBER: 60/233,798

; PRIOR FILING DATE: 2000-09-19

; PRIOR APPLICATION NUMBER: 09/970,813

; PRIOR FILING DATE: 2001-10-04

; PRIOR APPLICATION NUMBER: 60/182,637

; PRIOR FILING DATE: 2000-02-15

; PRIOR APPLICATION NUMBER: 60/240,316

; PRIOR FILING DATE: 2000-10-13

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 47

; SOFTWARE: CuraSeqlist version 0.1

; SEQ ID NO 18

; LENGTH: 20

; TYPE: DNA

; ORGANISM: CG50249-01-AS2

US-10-305-810-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 517 GAGAGCTGACCCCTCAAT 534
|||||
Db 18 GAGAGGGTGATCCTCAAT 1

RESULT 1054

US-10-262-666-37

; Sequence 37, Application US/10262666

; Publication No. US20030180298A1

; GENERAL INFORMATION:

; APPLICANT: Nakayama, Eiichi

; APPLICANT: Ono, Toshiro
; APPLICANT: Old, Lloyd J.
; APPLICANT: Hasegawa, Kosei
; APPLICANT: Matsushita, Hirokazu
; TITLE OF INVENTION: CANCER-TESTIS ANTIGENS
; FILE REFERENCE: L00461.70140
; CURRENT APPLICATION NUMBER: US/10/262,666
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: PCT/US02/12497
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/356,937
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: US 60/285,343
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-10-262-666-37

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 6.5e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1059 AATCCCAACAAAGACATA 1076
|||||
Db 1 ACTCCCAACAAAGGCATA 18

RESULT 1055

US-10-314-810-17/c

; Sequence 17, Application US/10314810

; Publication No. US20030180758A1

; GENERAL INFORMATION:

; APPLICANT: Bacher, Jeffery W.

; APPLICANT: Flanagan, Laura

; APPLICANT: Nassif, Nadine

; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN

; FILE REFERENCE: 16026-9267

; CURRENT APPLICATION NUMBER: US/10/314,810

; CURRENT FILING DATE: 2002-12-09

; PRIOR APPLICATION NUMBER: US/09/841,366

; PRIOR FILING DATE: 2001-07-16

; PRIOR APPLICATION NUMBER: 09/663,020

; PRIOR FILING DATE: 2000-09-15

; NUMBER OF SEQ ID NOS: 68

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 17

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: D3S2432 primer

US-10-314-810-17

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1702 TCCTGCCTACTGCTGCTG 1719
|||||
Db 20 TGCTATCTACTGCTGCTG 3

RESULT 1056

US-10-314-810-48/c

; Sequence 48, Application US/10314810

; Publication No. US20030180758A1

```
; GENERAL INFORMATION:
; APPLICANT: Bacher, Jeffery W.
; APPLICANT: Flanagan, Laura
; APPLICANT: Nassif, Nadine
; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
; FILE REFERENCE: 16026-9267
; CURRENT APPLICATION NUMBER: US/10/314,810
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US/09/841,366
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: FGA primer
US-10-314-810-48

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCTATCTGAGA 592
DB 20 GTGTCAGAGGATCTGAGA 3

RESULT 1057
US-10-417-719-15/c
; Sequence 15, Application US/10417719
; Publication No. US20030180784A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc
; APPLICANT: McCarthy, Sean
; APPLICANT: Gearing, David
; TITLE OF INVENTION: HUMAN DELTA3 AND USES THEREOF
; FILE REFERENCE: MB101997-002CF2M
; CURRENT APPLICATION NUMBER: US/10/417,719
; CURRENT FILING DATE: 2003-04-17
; PRIOR APPLICATION NUMBER: US/09/568,218
; PRIOR FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: 08/872,855
; PRIOR FILING DATE: 1997-06-11
; PRIOR APPLICATION NUMBER: 08/832,633
; PRIOR FILING DATE: 1997-04-04
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-417-719-15

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1603 ACCGAGTTCTAGCCACA 1620
DB 19 ACCGAGTTCACGCCCA 2

RESULT 1058
US-10-585-4081
; Sequence 4081, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4081
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans

; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4081
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4081

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 916 CTGTTCTGTCTCCAGCTG 933
DB 1 CTGCTGCTGCTCCAGCTG 18

RESULT 1059
US-10-032-585-4186
; Sequence 4186, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4186

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1648 GAGGATGCCACACCCCT 1665
DB 1 GGGGATGCAACACTCCT 18

RESULT 1060
US-10-032-585-4350/c
; Sequence 4350, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
```


; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-276-401-48

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 279 TCCTGGGAAGCTTCGTC 296
||| ||||| ||||| |||||
Db 19 TGCTAGGAAGCTTCGTC 2

RESULT 1065

US-10-080-979-52/c
; Sequence 52, Application US/10080979
; Publication No. US20030191075A1

; GENERAL INFORMATION:
; APPLICANT: Cook, Philip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Bennett, Frank C.
; TITLE OF INVENTION: Oligonucleotide Conjugates For Hepatic Delivery
; FILE REFERENCE: Isis-5028
; CURRENT APPLICATION NUMBER: US/10/080,979
; CURRENT FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-080-979-52

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1388 TCCTCACCAGCTGTGC 1405
||| ||||| ||||| |||||
Db 19 TCCTCACCAGCGGTCC 2

RESULT 1066

US-10-448-836-25/c
; Sequence 25, Application US/10448836
; Publication No. US20030207313A1

; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71

; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium avium
US-10-448-836-25

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1644 GCTGGAGGATGCCACAC 1661
||| ||||| ||||| |||||
Db 18 GATGAGGAGCTCCACAC 1

RESULT 1067

US-10-448-836-81/c
; Sequence 81, Application US/10448836
; Publication No. US20030207313A1

; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-10-448-836-81

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 425 TGCGCACCACATCCCCAC 442
||| ||||| ||||| |||||
Db 18 TGTGACCCAGCCCCAC 1

RESULT 1068

US-10-148-835-133/c
; Sequence 133, Application US/10148835
; Publication No. US20030207380A1

; GENERAL INFORMATION:
; APPLICANT: SAITO et al.
; TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
; FILE REFERENCE: 2185-0648P
; CURRENT APPLICATION NUMBER: US/10/148,835
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 213
; SOFTWARE: PatentIn Ver. 2.0

```

; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Designed
; OTHER INFORMATION: oligonucleotide probe for Southern hybridization
US-10-148-835-133

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1685 ACATCTTCCCTGCTACT 1702
DB 18 ACATTTCCCTGGTCCCT 1

RESULT 1069
US-10-463-569-18
; Sequence 18, Application US/10463569
; Publication No. US20030207437A1
; GENERAL INFORMATION:
; APPLICANT: Mattes, Ralf
; APPLICANT: Klein, Kathrin
; APPLICANT: Schiweck, Hubert
; APPLICANT: Kunz, Markwart
; APPLICANT: Munir, Mohammed
; TITLE OF INVENTION: Preparation of Acarigenic Sugar
; SUBSTITUTES
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Finnegan, Henderson, Farabow, Garrett &
; DUNN
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/463,569
; FILING DATE: 18-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/374,155
; FILING DATE: 18-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Foman, David S
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05638.0006-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4000
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-463-569-18

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 482 TACCAGTGCATCGCGCTG 501
```

```

DB 1 TCCAGTTCAGTCCGGCTG 20

RESULT 1070
US-10-182-230-177
; Sequence 177, Application US/10182230
; Publication No. US20030215817A1
; GENERAL INFORMATION:
; APPLICANT: Leonardi, Amedeo
; APPLICANT: Sartani, Abraham
; APPLICANT: Glaes, James R.
; APPLICANT: Sutcliffe, J. Gregor
; APPLICANT: Hasel, Karl W.
; TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atheroscler
; TITLE OF INVENTION: Lesions
; FILE REFERENCE: 216019-143
; CURRENT APPLICATION NUMBER: US/10/182,230
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: 60/177,963
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: RT-PCR 5' PCR primer for RE
US-10-182-230-177

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 235 GGTGGTGGCGCAGTGAC 252
DB 1 GGTGGTATCGGCAGTGAC 18

RESULT 1071
US-10-136-145-29/c
; Sequence 29, Application US/10136145
; Publication No. US20030216559A1
; GENERAL INFORMATION:
; APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.
; TITLE OF INVENTION: Melanoma associated antigenic polypeptide,
; epitopes thereof and vaccine against melanoma.
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Adema, Gosse Jan; Figdor, Carl Gustav
; STREET: Philips van Leydenlaan 25
; CITY: Nijmegen
; STATE: Brabant
; COUNTRY: the Netherlands
; ZIP: 6525 EX
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/136,145
; FILING DATE: 01-May-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,852B
; FILING DATE: February 15, 1995
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
```

```
;
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-136-145-29

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 314 GCTCTGCACCCAGAGATTG 331
Db 20 GTTCTGCACCCAGATACG 3

RESULT 1072
US-10-401-194-34
; Sequence 34, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Bertin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MPI02-041P1RNM
; CURRENT APPLICATION NUMBER: US/10/401,194
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-34

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1387 CTCCTCACCAGCTGTTG 1404
Db 1 CTCCTCACCCTGCTGCTG 18

RESULT 1073
US-10-055-624B-15/c
; Sequence 15, Application US/10055624B
; Publication No. US20030220238A1
; GENERAL INFORMATION:
; APPLICANT: Adams, Sean H
; APPLICANT: Chui, Clarissa
; APPLICANT: Goddard, Audrey D
; APPLICANT: Grimaldi, J. Christopher
; TITLE OF INVENTION: BPIT COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: 980081-0066
; CURRENT APPLICATION NUMBER: US/10/055,624B
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/263,362
; PRIOR FILING DATE: 2002-01-22
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer oligonucleotide
US-10-055-624B-15

Query Match      0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 452 CCACTGAGGACATCAACA 469
Db 18 CCACTGAGGGCATCTAGA 1

RESULT 1074
US-10-360-510-363/c
; Sequence 363, Application US/10360510
; Publication No. US20030220282A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/10/360,510
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/854,883
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 389
; SEQ ID NO 363
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-360-510-363

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 602 GGAAACTGGAGACCTACA 619
Db 19 GGGAACTGAGACCTCCA 2

RESULT 1075
US-10-388-263-534/c
; Sequence 534, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 534
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-534

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CCGGCAAGAGTGTCTACA 974
Db 18 CTGGAAGCAGGTGCTACA 1

RESULT 1076
US-10-174-771-73/c
; Sequence 73, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174.771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-73

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GTGGGAACATCATCAACA 901
Db 18 GTGGCTACTTCATCAACA 1

RESULT 1077
US-10-174-771-142
; Sequence 142, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174.771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-142

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 GTGGGAACATCATCAACA 901
Db 3 GTGGCTACTTCATCAACA 20

RESULT 1078
US-10-174-128-40
; Sequence 40, Application US/10174128
; Publication No. US20030232439A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174.128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-40

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
Db 3 CACGCAGCTGGGCACCAG 20

RESULT 1079
US-10-174-128-72/c
; Sequence 72, Application US/10174128
; Publication No. US20030232439A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF VEGF-B EXPRESSION
; FILE REFERENCE: PTS-0035
; CURRENT APPLICATION NUMBER: US/10/174.128
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-128-72

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 308 CACTCAGCTCTGCACCAG 325
Db 18 CACGCAGCTGGGCACCAG 1

RESULT 1080
US-10-174-460-21/c
; Sequence 21, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174.460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-21
```



```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1166 TGGGCTGCATCTTCTATG 1183
      |||||
Db 19 TGGGCTGCAGCTCTGTG 2

RESULT 1081
US-10-175-492-73
; Sequence 73, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-73

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 GGAAAGTGTCCTGCTCAA 770
      |||
Db 1 GGAGGTGCTCTTACTCAA 18

RESULT 1082
US-10-175-492-149/c
; Sequence 149, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-175-492-149

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 753 GGAAAGTGTCCTGCTCAA 770
      |||
Db 20 GGAGGTGCTCTTACTCAA 3

RESULT 1083
US-10-174-020-38
; Sequence 38, Application US/10174020
; Publication No. US20030232770A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HYPOTHETICAL TUMOR ENDOTHELIAL MARKER EXP
```

```
FILE REFERENCE: RTS-0369
; CURRENT APPLICATION NUMBER: US/10/174,020
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 149
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-020-38

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 949 TACTGCCACCGCGAGAG 966
      |||||
Db 3 TAATGCTCCGGAGAG 20

RESULT 1084
US-10-448-914A-25/c
; Sequence 25, Application US/10448914A
; Publication No. US20030235856A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteri
; FILE REFERENCE: PF05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,914A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium avium
; OTHER INFORMATION: complex(MAC)
US-10-448-914A-25

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1644 GCTGGGGGATGCCACAC 1661
      |||||
Db 18 GATGGGGGATGCCACAC 1

RESULT 1085
US-10-448-914A-81/c
; Sequence 81, Application US/10448914A
; Publication No. US20030235856A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
```

```
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT US/10/448,914A
; CURRENT APPLICATION NUMBER: US/10/448,914A
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-10-448-914A-81

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      425 TGGCAACCATCCCCAC 442
DB      18 TGTGACCCAGCCCCAC 1

RESULT 1086
US-10-452-002A-20/c
; Sequence 20, Application US/10452002A
; Publication No. US20030236195A1
; GENERAL INFORMATION:
; APPLICANT: Jerald S. Feitelson
; APPLICANT: H. Ernest Schnepf
; APPLICANT: Kenneth E. Narva
; APPLICANT: Brian A. Stockhoff
; APPLICANT: James L. Schmeits
; APPLICANT: David Loewer
; APPLICANT: Charles J. Dullum
; APPLICANT: Judy Muller-Cohn
; APPLICANT: Lisa Stamp
; APPLICANT: George Morrill
; APPLICANT: Stacey Finstad Lee
; TITLE OF INVENTION: No. US20030236195A1el Pesticidal Proteins and Methods of Using Th
; FILE REFERENCE: MAY08C2D1
; CURRENT APPLICATION NUMBER: US/10/452,002A
; CURRENT FILING DATE: 2003-05-30
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 09/073,106
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/960,780
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: 60/029,848
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-452-002A-20

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1229 AACAGCTACACTTCATCT 1246
DB      2 AACAGCTACTCTTCCTTT 19

RESULT 1088
US-10-186-157-57/c
; Sequence 57, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
```

```
Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1229 AACAGCTACACTTCATCT 1246
DB      19 AACAGCTACTCTTCCTTT 2

RESULT 1087
US-10-452-002A-27
; Sequence 27, Application US/10452002A
; Publication No. US20030236195A1
; GENERAL INFORMATION:
; APPLICANT: Jerald S. Feitelson
; APPLICANT: H. Ernest Schnepf
; APPLICANT: Kenneth E. Narva
; APPLICANT: Brian A. Stockhoff
; APPLICANT: James L. Schmeits
; APPLICANT: David Loewer
; APPLICANT: Charles J. Dullum
; APPLICANT: Judy Muller-Cohn
; APPLICANT: Lisa Stamp
; APPLICANT: George Morrill
; APPLICANT: Stacey Finstad Lee
; TITLE OF INVENTION: No. US20030236195A1el Pesticidal Proteins and Methods of Using
; FILE REFERENCE: MAY08C2D1
; CURRENT APPLICATION NUMBER: US/10/452,002A
; CURRENT FILING DATE: 2003-05-30
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: 09/073,106
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 08/960,780
; PRIOR FILING DATE: 1997-10-30
; PRIOR APPLICATION NUMBER: 60/029,848
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-452-002A-27

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1229 AACAGCTACACTTCATCT 1246
DB      2 AACAGCTACTCTTCCTTT 19

RESULT 1088
US-10-186-157-57/c
; Sequence 57, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; CURRENT FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-57

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 537 CCCATCTTTGACAAGCC 554
Db 18 CCGGATCATTGACAGCC 1

RESULT 1089
US-10-174-014-29/c
; Sequence 29, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: RTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-29

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 146 AACGGCAGCTGCTCAATGA 163
Db 20 AAAGGCAGATGCTAAATGA 3

RESULT 1090
US-10-188-646-28
; Sequence 28, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-28

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1214 GCTCCACGGTGGAGAAC 1231
Db 2 GGTCCACGGTGCAGGCAC 19

RESULT 1091
US-10-188-646-32/c
; Sequence 32, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-32

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGCGCAGCC 1678
Db 20 CCGCTCTCTGGGCGAGCC 3

RESULT 1092
US-10-188-646-103/c
; Sequence 103, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-103

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1214 GCTCCACGGTGGAGAAC 1231
Db 19 GGTCCACGGTGCAGGCAC 2

RESULT 1093
US-10-188-646-107
; Sequence 107, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-107
```

```
; FEATURE:
US-10-188-646-107

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCAGGCGAGCC 1678
    ||||| ||||| |||||
Db 1 CCGCTCTCTGGCGAGCC 18

RESULT 1094
US-10-188-779A-132/c
; Sequence 132, Application US/10188779A
; Publication No. US20040005567A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobbie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN-DEPENDENT KINASE 4 EXPRESSION
; FILE REFERENCE: PTS-0042
; CURRENT APPLICATION NUMBER: US/10/188,779A
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 282
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-779A-132

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 979 GACCTCAGCCCCAGNAC 996
    ||||| ||||| |||||
Db 19 GACCTGAGCCAGAGAAC 2

RESULT 1095
US-10-349-143-5836/c
; Sequence 5836, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1993-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5836
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-7212 for SEQ 1902,
US-10-349-143-5836
```

```
Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1525 ATTCAAGTACAAAGGAG 1542
    ||||| ||||| |||||
Db 19 ATTCAATTACATAAGGAG 2

RESULT 1096
US-10-349-143-8572/c
; Sequence 8572, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1993-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8572
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-1664 for SEQ 707, in complem
US-10-349-143-8572

Query Match          0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1302 GGAGTTCAAGCATACAA 1319
    ||||| ||||| |||||
Db 20 GGAGATAGAGACATACAA 3

RESULT 1097
US-10-402-089-14
; Sequence 14, Application US/10402089
; Publication No. US20040005663A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Marcum P.
; APPLICANT: Neff, Thomas B.
; APPLICANT: Polarek, James W.
; APPLICANT: Seeley, Todd W.
; TITLE OF INVENTION: PORCINE COLLAGENS AND GELATINS
; FILE REFERENCE: FP0402.3 CON
; CURRENT APPLICATION NUMBER: US/10/402,089
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 09/709,700
; PRIOR FILING DATE: 2000-11-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-402-089-14

Query Match          0.8%; Score 13.2; DB 1; Length 20;
```

Best Local Similarity	83.3%;	Pred. No.	6.5e+02;	
Matches	15.	Mismatches	3;	Indels
		Conservative		0;
		Gaps		0;

QY 39 GGCAGGAGGCCAGCAGT 56
 | | | | |
Db 1 GCCAGGAGCACCGCAAT 18

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RESULT 1098
US-10-177-896-45
; Sequence 45, Application US/10177896
; Publication No. US20040005705A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE D2 EXPRESSION
; FILE REFERENCE: FIS-0045
; CURRENT APPLICATION NUMBER: US/10/177,896
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-177-896-45

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RESULT 1099
US-10-189-266-51/c
; Sequence 51, Application US/10189266
; Publication No. US20040006029A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
; FILE REFERENCES: RIS-0384
; CURRENT APPLICATION NUMBER: US/10/189,266
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 150
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-266-51

```

RESULT 1100
US-10-289-762-3591/c
; Sequence 3591, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments

```

; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention,
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3591
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3591

```

Query Match	Score 13.2;	DB 1;	Length 20;
Best Local Similarity	83.3%;		
Pred. No. 6.5e+02;			
Matches 15;	Conservative	0;	Mismatches 3;
Indels	0;	Gaps	0;

```

RESULT 1101
US-10-289-762-3605
; Sequence 3605, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Grifais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; thereof and uses thereof, in particular for the diagnosis, pre
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3605
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
; US-10-289-762-3605

```

	Query Match	0.8%	Score 13.2;	DB 1;	Length 20;
	Best Local Similarity	83.3%;	Pred. No. 6.5e+02;		
	Matches 15; Conservative	0;	Mismatches 3;	Indels 0;	Gaps 0;
QY	756 AGTGTCCCTGCTCAAGGA	773			
Dh	2 AGATTCCCTTCTCAAGGA	19			

RESULT 1102
 US-10-289-762-4303
 ; Sequence 4303, Application US/10289762
 ; Publication No. US20040006218A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Griffiths, R.
 ; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
 ; thereof and uses thereof, in particular for the diagnosis, pre-
 ; TITLE OF INVENTION: thereof and uses thereof, and treatment of infection
 ; FILE REFERENCE: 9710-003-999
 ; CURRENT APPLICATION NUMBER: US/10/289,762
 ; CURRENT FILING DATE: 2003-03-27
 ; NUMBER OF SEQ ID NOS: 6849
 ; SEQ ID NO 4303
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Chlamydia pneumoniae
 ; US-10-289-762-4303

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 186 AGACAAGACCAATGGTGC 203

Mon May 3 11:01:52 2004

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; PRIOR APPLICATION NUMBER: 60/191,201
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-428-487-81

Query Match      0.8%;   Score 13.2; DB 1;   Length 20;
Best Local Similarity 83.3%;   Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1153 GACATGTGGGTGTGGGC 1170
      ||||| ||||| ||||| |||||
Db 2 GACAGGTGGGTGAGGGC 19

RESULT 1106
US-10-402-072A-14
; Sequence 14, Application US/10402072A
; Publication No. US20040018592A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Marcum P.
; APPLICANT: Neff, Thomas B.
; APPLICANT: Polarek, James W.
; APPLICANT: Seeley, Todd W.
; TITLE OF INVENTION: BOVINE COLLAGENS AND GELATINS
; FILE REFERENCE: FP0402.2 CON
; CURRENT APPLICATION NUMBER: US/10/402,072A
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 09/709,700
; PRIOR FILING DATE: 2000-11-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-402-072A-14

Query Match      0.8%;   Score 13.2; DB 1;   Length 20;
Best Local Similarity 83.3%;   Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 39 GGCAGGAGGACCGAGT 56
      ||||| ||||| ||||| |||||
Db 1 GCCAGGAGGACCGAGT 18

RESULT 1107
US-10-210-479-65/c
; Sequence 65, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-479-65

```

```

; PRIOR APPLICATION NUMBER: 60/191,201
; PRIOR FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-10-428-487-81

Query Match      0.8%;   Score 13.2; DB 1;   Length 20;
Best Local Similarity 83.3%;   Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1153 GACATGTGGGTGTGGGC 1170
      ||||| ||||| ||||| |||||
Db 2 GACAGGTGGGTGAGGGC 19

RESULT 1106
US-10-402-072A-14
; Sequence 14, Application US/10402072A
; Publication No. US20040018592A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Marcum P.
; APPLICANT: Neff, Thomas B.
; APPLICANT: Polarek, James W.
; APPLICANT: Seeley, Todd W.
; TITLE OF INVENTION: BOVINE COLLAGENS AND GELATINS
; FILE REFERENCE: FP0402.2 CON
; CURRENT APPLICATION NUMBER: US/10/402,072A
; CURRENT FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: US 09/709,700
; PRIOR FILING DATE: 2000-11-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-402-072A-14

Query Match      0.8%;   Score 13.2; DB 1;   Length 20;
Best Local Similarity 83.3%;   Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 39 GGCAGGAGGACCGAGT 56
      ||||| ||||| ||||| |||||
Db 1 GCCAGGAGGACCGAGT 18

RESULT 1107
US-10-210-479-65/c
; Sequence 65, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-479-65

```

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1025 AGCTGGCTGACTTGGCC 1042
Db 19 AGCTGGCTGCTTGGCC 2
RESULT 1108
US-10-210-556-111
; Sequence 111, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-115
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 850 CTGGACAAGGACCTGAG 867
Db 19 CTGGACAAGGACCAAG 2
RESULT 1111
US-10-210-556-205
; Sequence 205, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-210-556-205
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 626 TGGACAACCTGGGCGAGG 643
Db 2 TGGACAAGCTGGAGAGG 19
RESULT 1112
US-10-210-556-205/c
; Sequence 205, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1025 AGCTGGCTGACTTGGCC 1042
Db 19 AGCTGGCTGCTTGGCC 2
RESULT 1108
US-10-210-556-111
; Sequence 111, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-111
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 920 TCCTGTTCCAGCTGTGCC 937
Db 1 TCCTGTTCCAGCTGTGCC 18
RESULT 1109
US-10-210-556-111/c
; Sequence 111, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 111
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-111
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 626 TGGACAACCTGGGCGAGG 643
Db 19 TGGACAAGCTGGAGAGG 2
RESULT 1110
US-10-210-556-115/c
; Sequence 115, Application US/10210556

FEATURE:
US-10-210-556-205

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 TCCGTTCCAGCTGCTCC 937
Db 20 TCCCTTCAGGCTGTCC 3

RESULT 1113
US-10-210-838-108/c
; Sequence 108, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 108
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-108

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 153 GCTGTCAATGACACTCCG 170
Db 18 GCAGTCAAGGACAATCCG 1

RESULT 1114
US-10-210-838-189
; Sequence 189, Application US/10210838
; Publication No. US20040023905A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Sanjay Bhanot
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF LAR EXPRESSION
; FILE REFERENCE: PTS-0013
; CURRENT APPLICATION NUMBER: US/10/210,838
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 198
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-838-189

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 153 GCTGTCAATGACACTCCG 170
Db 3 GCAGTCAAGGACAATCCG 20

RESULT 1115
US-10-211-179-57/c
; Sequence 57, Application US/10211179
; Publication No. US20040023906A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTYROSYL PHOSPHATASE ACTIVATOR EX
; FILE REFERENCE: PTS-0011
; CURRENT APPLICATION NUMBER: US/10/211,179
; CURRENT FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-179-57

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1481 TCCACAAACTTCCTGACA 1498
Db 20 TCCACACAGTCCAGACA 3

RESULT 1116
US-10-444-206-26
; Sequence 26, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444,206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996 12 31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CACACGGAGAGTCCCTC 831
Db 2 CTCACGTAGAGACCTC 19

RESULT 1117
US-10-628-841-59
; Sequence 59, Application US/10628841
; Publication No. US20040023918A1


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; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSION
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-59

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 CCAGTCTCCGCGGCT 944
Db 3 CCAGTCTCCGCGGCT 20

RESULT 1118
US-09-848-754A-9178/c
; Sequence 9178, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9178
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9178

Query Match      0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1366 CTTGATAGCGGACG 1378
Db 13 CTTGATAGCGGACG 1

RESULT 1119
US-09-864-636A-2387/c
; Sequence 2387, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2387

; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; STORAGE: storage
; COMPUTER: IBM Compatible
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; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2387

Query Match      0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.8e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 761 CCCTGCTCAAGGACC 775
Db 15 CCCTGCCAAGGACC 1

RESULT 1120
US-09-864-426A-2387/c
; Sequence 2387, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2387
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2387

Query Match      0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.8e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 761 CCCTGCTCAAGGACC 775
Db 15 CCCTGCCAAGGACC 1

RESULT 1121
US-10-056-414-318
; Sequence 318, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; STORAGE: storage
; COMPUTER: IBM Compatible
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; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 318:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 318:
US-10-056-414-318
Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 4.8e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 538 CCCATCTTTGACA 550
Db 3 CCCAUCUUUGACA 15
|||||:|||||
|||||:|||||

RESULT 1122
US-10-084-839-2387/c
; Sequence 2387, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichcheva, Victor
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsatska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2387
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2387
Query Match 0.7%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.8e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 761 CCTGCTCAAGGACC 775
Db 15 CCTTCCCAAGGACC 1
|||||:|||||
|||||:|||||

RESULT 1123
US-09-827-998-540
; Sequence 540, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 540
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-540
Query Match 0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 287 AACTTCGTTCTGC 299
Db 5 AACTTCGTTCTGC 17
|||||:|||||
|||||:|||||

RESULT 1124
US-09-780-533A-10
; Sequence 10, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBHB00, 878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-10

```

```
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 933
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-933

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 5.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 84 CCGCGGCTCTGAG 96
Db 1 CCGCGGCTCTGAG 13

RESULT 1125
US-09-848-754A-1868
; Sequence 1868, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1868
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1868

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1627 GGCCCCAGCAGGC 1639
Db 5 GGCCCCAGCAGGC 17

RESULT 1126
US-09-848-754A-1869
; Sequence 1869, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MH800-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1869
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1869

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1627 GGCCCCAGCAGGC 1639
Db 4 GGCCCCAGCAGGC 16

RESULT 1127
US-09-780-164-933/c
; Sequence 933, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
```

```
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 933
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-933

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 398 AGGTGCAGTCTCC 410
Db 17 AGGTGCAGTCTCC 5

RESULT 1128
US-09-740-332-479
; Sequence 479, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 479
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-479

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 5.7e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTCTCTCT 282
Db 5 ACGTGTCTCTCT 17

RESULT 1129
US-09-740-332-480
; Sequence 480, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 480
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
```

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;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-480

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 5.7e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 270 ACGTGTGCTCCT 282
Db 2 ACGUGUGCUCU 14

RESULT 1130
US-09-740-332-4075/c
; Sequence 4075, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4075

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 270 ACGTGTGCTCCT 282
Db 17 ACGTGTGCTCCT 5

RESULT 1131
US-09-740-332-4076/c
; Sequence 4076, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4076

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 270 ACGTGTGCTCCT 282
Db 14 ACGTGTGCTCCT 2

RESULT 1132
US-09-792-818-250/c
; Sequence 250, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insulin Receptor Tyrosine Kinase Activity
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 250
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-792-818-250

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 598 TTGGGAAACTGG 610
Db 13 TTGGGAAACTGG 1

RESULT 1133
US-09-792-818-577/c
; Sequence 577, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Insulin Receptor Tyrosine Kinase Activity
; FILE REFERENCE: MEHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 577
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-792-818-577

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 599 TTGGGAAACTGGA 611
Db 17 TTGGGAAACTGGA 5

RESULT 1134
```

```
US-09-817-879-479
; Sequence 479, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 479
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-479

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 5.7e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db 5 ACGUGCGUCUCCU 17

RESULT 1135
US-09-817-879-480
; Sequence 480, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 480
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-480

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 5.7e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db 2 ACGUGCGUCUCCU 14

RESULT 1136
US-09-817-879-4075/c
; Sequence 4075, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 479
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4075/c

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 5.7e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db 2 ACGUGCGUCUCCU 14

RESULT 1137
US-09-817-879-4076/c
; Sequence 4076, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4076/c

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db 17 ACGTGTGCTCCT 5

RESULT 1138
US-10-675-685-540
; Sequence 540, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 540
; LENGTH: 17
```

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US-09-817-879-4075
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4075

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db 17 ACGTGTGCTCCT 5

RESULT 1137
US-09-817-879-4076/c
; Sequence 4076, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4076/c

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 270 ACGTGTGCTCCT 282
Db 14 ACGTGTGCTCCT 2

RESULT 1138
US-10-675-685-540
; Sequence 540, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 540
; LENGTH: 17
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-540

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGC 299
Db 5 AACTTCGTTCTGC 17

RESULT 1139
US-09-927-046-966
; Sequence 966, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 966
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-966

Query Match      0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 5.7e+02;
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCACA 684
Db 5 AAGCAAGCTCACA 17

RESULT 1140
US-10-453-792-248/c
; Sequence 248, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: ROSSAU, RUDI
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
```

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PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4100
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 248:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 248:
US-10-453-792-248

Query Match      0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 890 ACATCATCAACAT 902
Db 14 ACATCATCAACAT 2

RESULT 1141
US-10-314-657-207
; Sequence 207, Application US/10314657
; Publication No. US20030175889A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: CHENG, Yi-Qiang
; APPLICANT: TANG, Gong-Li
; TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
; FILE REFERENCE: 054030-0021
; CURRENT APPLICATION NUMBER: US/10/314,657
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: PCT/US02/08937
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: US 60/278,935
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 207
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Streptomyces atroolivaceus
US-10-314-657-207

Query Match      0.7%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1190 CCACAGGCGCTCC 1202
Db 6 CCACAGGCGCTCC 18

RESULT 1142
US-09-735-995-47/c
; Sequence 47, Application US/09735995
; Patent No. US20010034024A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; FILE REFERENCE: 2323-136
; CURRENT APPLICATION NUMBER: US/09/735,995
; PRIOR APPLICATION NUMBER: 09/226,012
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-735-995-47

Query Match      0.7%  Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      828 CCTCACCCCTTGTC 840
DB      16 CCTCACCCCTTGTC 4

RESULT 1143
US-09-824-322B-80/c
; Sequence 80, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALFA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-80

Query Match      0.7%  Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1222 GTGGAGGAAACAGC 1234
DB      20 GTGGAGGAAACAGC 8

RESULT 1144
US-09-816-814-9/c
; Sequence 9, Application US/09816814
; Publication No. US20030027136A1
; GENERAL INFORMATION:
; APPLICANT: Goronzy, Jorg J.
; APPLICANT: Weyand, Cornelia M.
; TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS
; FILE REFERENCE: 07039-251001
; CURRENT APPLICATION NUMBER: US/09/816,814
```

```
; CURRENT FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-816-814-9

Query Match      0.7%  Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1077 CTCCAATGAGGTG 1089
DB      19 CTCCAATGAGGTG 7

RESULT 1145
US-09-151-376-33/c
; Sequence 33, Application US/09151376
; Publication No. US20030044383A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, D.R.
; APPLICANT: Schuur, E.R.
; TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
; FILE REFERENCE: 348022000221
; CURRENT APPLICATION NUMBER: US/09/151,376
; CURRENT FILING DATE: 1998-09-10
; EARLIER APPLICATION NUMBER: 08/669,753
; EARLIER FILING DATE: 1996-06-26
; EARLIER APPLICATION NUMBER: 08/495,034
; EARLIER FILING DATE: 1995-06-27
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: unknown
US-09-151-376-33

Query Match      0.7%  Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      901 ATGCACAACTGGA 913
DB      17 ATGCACAACTGGA 5

RESULT 1146
US-09-940-244-62/c
; Sequence 62, Application US/09940244
; Publication No. US20030044796A1
; GENERAL INFORMATION:
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Smith, Lloyd M.
; TITLE OF INVENTION: Reactions on Dendrimers
; FILE REFERENCE: FORS-06478
; CURRENT APPLICATION NUMBER: US/09/940,244
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

FEATURE:
OTHER INFORMATION: Synthetic
US-09-940-244-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 1147
US-09-989-643-45
; Sequence 45, Application US/09989643
; Publication No. US20030049636A1
; GENERAL INFORMATION:
; APPLICANT: Bergeron, Michel G.
; APPLICANT: Picard, Francois J.
; APPLICANT: Ouellette, Marc
; APPLICANT: Roy, Paul H.
; TITLE OF INVENTION: Species-Specific, Genus-Specific and Universal DNA
; TITLE OF INVENTION: Probes and Amplification Primers to Rapidly Detect and
; TITLE OF INVENTION: Identify Common Bacterial and Fungal Pathogens and
; TITLE OF INVENTION: Associated Antibiotic Resistance Genes from
; FILE REFERENCE: 12287.29
; CURRENT APPLICATION NUMBER: US/09/989,643
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/297,539
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-05-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/743,637
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-11-04
; NUMBER OF SEQ ID NOS: 174
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-989-643-45

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 782 ACGCAACATCGT 794
Db 2 ACGCAACATCGT 14

RESULT 1148
US-09-906-158-43
; Sequence 43, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRES
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-43

Query Match 0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 451 TCCACTGAGGACA 463
Db 1 TCCACTGAGGACA 13

RESULT 1149
US-09-910-185-80
; Sequence 80, Application US/09910185
; Publication No. US20030083279A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-3 EXPRESSION
; FILE REFERENCE: RTS-0258
; CURRENT APPLICATION NUMBER: US/09/910,185
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-910-185-80

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1301 AGGAGTTCAGAC 1313
Db 5 AGGAGTTCAGAC 17

RESULT 1150
US-09-864-636A-255/c
; Sequence 255, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-255

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 1151
US-09-758-282-52/c
; Sequence 52, Application US/09758282
; Publication No. US20030134349A1


```

; GENERAL INFORMATION:
; APPLICANT: Ma, Wu-Po
; APPLICANT: Lyamichiev, Victor I.
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichieva, Natalie E.
; APPLICANT: Allawi, Hatim T.
; APPLICANT: Schaefer, James J.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Improved Enzymes for the Detection of Specific Nucleic
; FILE REFERENCE: FORS-04323
; CURRENT FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 280
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-282-52

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGTGGCCGAGG 182
Db 19 GAGTGGCCGAGG 7

RESULT 1152
US-09-964-059B-104/c
; Sequence 104, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Prudakia, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-104

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1301 AGGAGTTCAGAC 1313
Db 19 AGGAGTTCAGAC 7

RESULT 1153
US-09-851-871-66
; Sequence 66, Application US/09851871
; Publication No. US20030176374A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; APPLICANT: Karras, James G.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0543
; CURRENT APPLICATION NUMBER: US/09/851,871

```

```

; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-851-871-66

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 595 GGCTTTGGGAAC 607
Db 1 GGCTTTGGGAAC 13

RESULT 1154
US-09-864-426A-255/c
; Sequence 255, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-255

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGTGGCCGAGG 182
Db 19 GAGTGGCCGAGG 7

RESULT 1155
US-10-356-861-62/c
; Sequence 62, Application US/10356861
; Publication No. US20040072182A1
; GENERAL INFORMATION:
; APPLICANT: Victor, Lyamichiev
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07813
; CURRENT APPLICATION NUMBER: US/10/356,861
; CURRENT FILING DATE: 2003-02-03
; NUMBER OF SEQ ID NOS: 254
; SOFTWARE: PatentIn version 3.2

```

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; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-356-861-62

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 1156
US-10-033-297-62/c
; Sequence 62, Application US/10033297
; Publication No. US20020187486A1
; GENERAL INFORMATION:
; APPLICANT: Hall, Jeff G.
; Inventor: Lyamichev, Victor I.
; Mast, Andrea L.
; Brown, Mary Ann D.
; TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
; Sequential Invasive Cleavages
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Cartoll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/10/033,297
; FILING DATE: 12-Jul-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,597
; FILING DATE: 09-Jul-1999
; APPLICATION NUMBER: US/08/823,516
; FILING DATE: 24-Mar-1997
; APPLICATION NUMBER: PCT/US97/01072
; FILING DATE: 21-Jan-1997
; APPLICATION NUMBER: US 08/759,038
; FILING DATE: 02-Dec-1996
; APPLICATION NUMBER: US 08/758,314
; FILING DATE: 02-Dec-1996
; APPLICATION NUMBER: US 08/756,366
; FILING DATE: 29-Nov-1996
; APPLICATION NUMBER: US 08/682,853
; FILING DATE: 12-Jul-1996
; APPLICATION NUMBER: US 08/599,491
; FILING DATE: 24-Jan-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02736
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
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```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 62:
US-10-033-297-62

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7

RESULT 1157
US-10-145-493B-11/c
; Sequence 11, Application US/10145493B
; Publication No. US20030096777A1
; GENERAL INFORMATION:
; APPLICANT: Besterman, Jeffrey
; APPLICANT: MacLeod, Robert
; APPLICANT: Siders, William
; TITLE OF INVENTION: Modulation Of Gene Expression By Combination Therapy
; FILE REFERENCE: MET-015DV
; CURRENT APPLICATION NUMBER: US/10/145,493B
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 09/420,692
; PRIOR FILING DATE: 1999-10-19
; PRIOR APPLICATION NUMBER: US 60/104,804
; PRIOR FILING DATE: 1998-10-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-145-493B-11

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 505 GAGGCTACCTGG 517
Db 13 GAGGCTACCTGG 1

RESULT 1158
US-10-016-149-17
; Sequence 17, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-17

Query Match          0.7%; Score 13; DB 1; Length 20;
```

Best Local Similarity 100.0%; Pred. No. 7e+02; Mismatches 0; Indels 0; Gaps 0;

QY 1035 CTTGGCGCTGCC 1047
Db 3 CTTGGCGCTGCC 15
|||||

RESULT 1159
US-10-024-396-41/c
; Sequence 41, Application US/10024396
; Publication No. US20030147864A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD36L1 EXPRESSION
; FILE REFERENCE: RTS-0339
; CURRENT APPLICATION NUMBER: US/10/024,396
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-024-396-41

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 626 TGGCAAACTGGG 638
Db 13 TGGCAAACTGGG 1
|||||

RESULT 1160
US-10-139-089-33/c
; Sequence 33, Application US/10139089
; Publication No. US20030152553A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, D.R.
; APPLICANT: Schuur, E.R.
; TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
; FILE REFERENCE: 34802200221
; CURRENT APPLICATION NUMBER: US/10/139,089
; CURRENT FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: 08/669,753
; PRIOR FILING DATE: 1996-06-26
; PRIOR APPLICATION NUMBER: 08/495,034
; PRIOR FILING DATE: 1995-06-27
; PRIOR APPLICATION NUMBER: 09/509,591
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: 09/151,376
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 09/033,428
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: 60/039,597
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 09/033,555
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: 60/039,763
; PRIOR FILING DATE: 1997-03-03
; PRIOR APPLICATION NUMBER: 09/033,333
; PRIOR FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: 60/039,762
; PRIOR FILING DATE: 1997-03-03
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown

; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: unknown
US-10-139-089-33

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 ATGCACACGTGA 913
Db 17 ATGCACACGTGA 5
|||||

RESULT 1161
US-10-290-386-62/c
; Sequence 62, Application US/10290386
; Publication No. US20030152971A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Neri, Bruce P.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Lukowiak, Andrew A.
; TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
; FILE REFERENCE: FORS-07459
; CURRENT APPLICATION NUMBER: US/10/290,386
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: 60/361,060
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: 60/344,946
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 09/713,601
; PRIOR FILING DATE: 2000-11-15
; PRIOR APPLICATION NUMBER: 09/381,212
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 09/350,309
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: 08/823,516
; PRIOR FILING DATE: 1997-03-24
; PRIOR APPLICATION NUMBER: 08/759,038
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: 08/756,386
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: 08/682,853
; PRIOR FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 08/599,491
; PRIOR FILING DATE: 1996-01-24
; NUMBER OF SEQ ID NOS: 253
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-290-386-62

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCCGAGG 182
Db 19 GAGGTGGCCGAGG 7
|||||

RESULT 1162
US-10-084-839-255/c
; Sequence 255, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.

```

; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 255
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-255

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Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 170 GAGGTGGCGGAGG 182
    |||||
DB 19 GAGGTGGCGGAGG 7

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RESULT 1163
; Sequence 492, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 492
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

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US-10-388-263-492

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Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 451 TCCACTGAGGACA 463
    |||||
DB 1 TCCACTGAGGACA 13

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RESULT 1164
US-10-094-886-272/c
; Sequence 272, Application US/10094886
; Publication No. US20040002120A1
; GENERAL INFORMATION:
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Liu, Xiaohong
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Vernet, Corine A.
; APPLICANT: Li, Li
; APPLICANT: Gorman, Linda
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Boldog, Ferenc
; APPLICANT: Guo, Xiaojia
; APPLICANT: Shenoy, Suresh
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Miller, Charles
; APPLICANT: Casman, Stacie
; APPLICANT: Pena, Carol
; APPLICANT: Gangolli, Esha
; APPLICANT: Gusev, Vladimir
; APPLICANT: Smithson, Glenda
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Gerlach, Valerie
; APPLICANT: Pochart, Pascal
; APPLICANT: Fernandes, Elma
; APPLICANT: Shimkets, Richard
; APPLICANT: Rastelli, Luca
; APPLICANT: Spaderna, Steven
; APPLICANT: LaRoche, William
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METH
; FILE REFERENCE: 21402-290 B
; CURRENT APPLICATION NUMBER: US/10/094,886
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: 60/274,322
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/313,182
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 60/288,052
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 60/318,510
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/314,018
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 60/274,194
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/274,849
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: 60/296,693
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/313,626
; PRIOR FILING DATE: 2001-08-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 298
; SOFTWARE: PatentIn 2.1

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```
; SEQ ID NO 272
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-094-886-272

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 CCACTCAGCTCTG 319
Db 16 CCATCAGCTCTG 4

RESULT 1165
US-10-277-216-81/c
; Sequence 81, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-81

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
Db 17 TTAGGAACCCCAA 5

RESULT 1166
US-10-277-216-176/c
; Sequence 176, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 176
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-176

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
Db 17 TTAGGAACCCCAA 5

RESULT 1167
US-10-289-762-3020/c
; Sequence 3020, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3020
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3020

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
Db 13 TGAGGAGACGTGG 1

RESULT 1168
US-10-289-762-3023/c
; Sequence 3023, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3023
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-3023

Query Match          0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
Db 13 TGAGGAGACGTGG 1

RESULT 1169
```

```

RESULT 1171
US-10-212-993-81
; Sequence 81, Application US/10212993
; Publication No. US20040023385A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674

```

```
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 3201
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (4289281)...(4289296)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectonObjectNumber = 4247
US-10-339-674-3201

Query Match          0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 GAGAGCTCAAGCTGGC 1031
Db 16 GGAAGCTCAAGCTGGC 1

RESULT 1174
US-10-104-025-7/c
; Sequence 7, Application US/10104025
; Publication No. US20030165876A1
; GENERAL INFORMATION:
; APPLICANT: AVENTIS PHARMA SA
; APPLICANT: CAMERON, Beatrice
; APPLICANT: BLANCHE, Francis
; TITLE OF INVENTION: PROCESSES FOR PURIFYING AND FOR DETECTING TARGET DOUBLE-STRANDED
; TITLE OF INVENTION: SEQUENCES BY TRIPLE HELIX INTERACTION
; FILE REFERENCE: 03806.0546
; CURRENT APPLICATION NUMBER: US/10/104,025
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US 60/285,272
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: FR 0103953
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-104-025-7

Query Match          0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1689 CTTCCCTGCTTACTCT 1704
Db 16 CTTCCCTGCTTCTTT 1

RESULT 1175
US-10-251-598-72
; Sequence 72, Application US/10251598
; Publication No. US20030170668A1
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; APPLICANT: Gershon, Elliot S.
; APPLICANT: Badner, Judith A.
; APPLICANT: Goldin, Lynn R.
; APPLICANT: Berrettini, Wade H.
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Sanders, Alan R.
; APPLICANT: Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
```

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; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION NUMBER: US/10/251,598
; FILING DATE: 19-Sep-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952
; FILING DATE: 19-Apr-1999
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 72:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: 1...16
; LOCATION: 1...16
; OTHER INFORMATION: D18S1150 reverse primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-10-251-598-72

Query Match          0.7%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1534 CAAAAGGAGGCGCCAGCC 1549
Db 1 CACAAGGATGCCAGCC 16

RESULT 1176
US-09-866-108-660
; Sequence 660, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 660
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-660
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Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1570 GACTCAGCGAGCCAG 1585
Db 2 GACTCAGCGAGCCAG 17
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RESULT 1177
US-09-866-108-661
; Sequence 661, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 661
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-661
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Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1570 GACTCAGCGAGCCAG 1585
Db 1 GACTCAGCGAGCCAG 16
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RESULT 1178
US-09-866-108-1525/c
; Sequence 1525, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
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; ORGANISM: Homo sapiens
US-09-866-108-1527

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 986 AGCCCCAGACCTGCTC 1001
Db 16 AGCCCCATCACCCTGCT 1

RESULT 1180
US-09-866-108-6007
; Sequence 6007, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 6007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6007

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 405 GTCTCCAGTCAGAGTG 420
Db 2 GGCTCCAGTCAGAGTG 17

; ORGANISM: Homo sapiens
US-09-866-108-6007

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 987 GCCCAGACCTGCTC 1002
Db 17 GCCCATCACCTGCTC 2

RESULT 1179
US-09-866-108-1527/c
; Sequence 1527, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1527
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1525

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 987 GCCCAGACCTGCTC 1002
Db 17 GCCCATCACCTGCTC 2

RESULT 1179
US-09-866-108-1527/c
; Sequence 1527, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1527
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1525

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RESULT 1181

US-09-866-108-6008
; Sequence 6008, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 6008

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-6008

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 6.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 405 GTCTCCAGTGAGAGTG 420

|||||

Db 1 GGCTCCAGTGACAGTG 16

RESULT 1182

US-09-866-108-6009

; Sequence 6009, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 6009

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-6009

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 6.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 407 CTCACGTGAGAGTGG 422

|||||

Db 2 CTCACGTGACAGTGTG 17

RESULT 1183

US-09-866-108-6010

; Sequence 6010, Application US/09866108

; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

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; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 6010
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6010

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```

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 407 CTCCTGAGAGTGCG 422
Db 1 CTCCTGAGAGTGCG 16

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RESULT 1184
US-09-866-108-6258
; Sequence 6258, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmca Sequence Listing Engine
; SEQ ID NO 6258
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6258

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```

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 1041 CCTGCCCGGCGCAAG 1056
Db 2 CCAGGCGCGGCGCAAG 17

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RESULT 1185
US-09-866-108-6259
; Sequence 6259, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6259
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6259
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```
Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1041 CCTGCCCGGAGCAAG 1056
      |||||
DB 1 CCAGGCCCGGCAAG 16
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```
RESULT 1186
US-09-866-108-6339/c
; Sequence 6339, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
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; SEQ ID NO 6339
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6339
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Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1386 CCTCTCACCAGCTG 1401
      |||||
DB 17 CCTCTCACCAGCTG 2
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RESULT 1187
US-09-866-108-6340/c
; Sequence 6340, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6340
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6340
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Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1386 CCTCCTCACCAGCTG 1401
Db 16 CCTCCTCACCATGCG 1

RESULT 1188

US-09-866-108-6341/c
; Sequence 6341, Application US/09866108
; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 6341

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-6341

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1384 GACCTCCTCACCAGC 1399
Db 17 GTCCTCCTCACCATGC 2

RESULT 1189

US-09-866-108-6342/c
; Sequence 6342, Application US/09866108
; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00662

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21

; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05

; NUMBER OF SEQ ID NOS: 15752

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 6342

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108-6342

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1384 GACCTCCTCACCAGC 1399
Db 16 GTCCTCCTCACCATGC 1

RESULT 1190

US-09-866-108-6794/c
; Sequence 6794, Application US/09866108
; Patent No. US20020048800A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108

;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 6794
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-6794

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCT 569
DB 17 CCCACAGCCAGCGCT 2

RESULT 1191
US-09-866-108-6797/c
; Sequence 6797, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 6797
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-6797

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGCGC 567
DB 16 GCCCAGCCAGCCAGCGC 1

RESULT 1192
US-09-866-108-7036/c
; Sequence 7036, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7036
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7036

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1638 GCAGCGGCTGGAGGA 1653
DB 17 GTAGAGGCTGGAGGA 2

RESULT 1193

US-09-866-108-7037/c
; Sequence 7037, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860

; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7037
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7037

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1638 GCAGCGGCTGGAGGA 1653
DB 16 GTAGAGGCTGGAGGA 1

RESULT 1194

US-09-866-108-7530/c
; Sequence 7530, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7530
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7530

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity	87.5%	Pred. No. 6.2e+02;	
Matches	14:	Conservative	Indels 0;
Matches	14:	Mismatches 2;	Caps 0;

Qy 1390 CTCACCAAGCTGTTGC 1405
db 17 CTCCTCAAGCTTTTGC 2

RESULT 1195

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US-09-866-108-7531/c
; Sequence 7531, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 7531
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

```

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14: Conservative 0; Mismatches 2; Indels

Qy 1390 CTCACCAAGCTGTTGC 1405
Db 16 CTCACCAAGCTTTTGC 1

RESUM. T 1196

US-09-866-108-8044

; Sequence 8044, Application US/09856108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Shangang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7

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1 FILE REFERENCE: HOMO.SAPIENS
2 CURRENT APPLICATION NUMBER: US 09/866,108
3 CURRENT FILING DATE: 2001-05-25
4 PRIOR APPLICATION NUMBER: US 60/207,456
5 PRIOR FILING DATE: 2000-05-26
6 PRIOR APPLICATION NUMBER: GB 24263.6
7 PRIOR FILING DATE: 2000-10-04
8 PRIOR APPLICATION NUMBER: US 60/236,359
9 PRIOR FILING DATE: 2000-09-27
10 PRIOR APPLICATION NUMBER: PCT/US01/00666
11 PRIOR FILING DATE: 2001-01-30
12 PRIOR APPLICATION NUMBER: PCT/US01/00667
13 PRIOR FILING DATE: 2001-01-30
14 PRIOR APPLICATION NUMBER: PCT/US01/00664
15 PRIOR FILING DATE: 2001-01-30
16 PRIOR APPLICATION NUMBER: PCT/US01/00669
17 PRIOR FILING DATE: 2001-01-30
18 PRIOR APPLICATION NUMBER: PCT/US01/00665
19 PRIOR FILING DATE: 2001-01-30
20 PRIOR APPLICATION NUMBER: PCT/US01/00668
21 PRIOR FILING DATE: 2001-01-30
22 PRIOR APPLICATION NUMBER: PCT/US01/00663
23 PRIOR FILING DATE: 2001-01-30
24 PRIOR APPLICATION NUMBER: PCT/US01/00662
25 PRIOR FILING DATE: 2001-01-30
26 PRIOR APPLICATION NUMBER: PCT/US01/00661
27 PRIOR FILING DATE: 2001-01-30
28 PRIOR APPLICATION NUMBER: PCT/US01/00670
29 PRIOR FILING DATE: 2001-01-30
30 PRIOR APPLICATION NUMBER: US 60/234,687
31 PRIOR FILING DATE: 2000-09-21
32 PRIOR APPLICATION NUMBER: US 60/266,860
33 PRIOR FILING DATE: 2001-02-05
34 NUMBER OF SEQ ID NOS: 15752
35 SOFTWARE: Aecima Sequence Listing Engine
36 SEQ ID NO 8044
37 LENGTH: 17
38 TYPE: DNA
39 ORGANISM: Homo sapiens
40 US-09-866-108-8044

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Query Match	0.7%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%	Pred. No. 6.2e+02;		
Matches	14:	Conservative	0:	Mismatches 2
				Indels

Qy 127 GATCGGATGAAGAAGA 142
||| ||| ||| ||| ||| ||| |||
Db 2 GAGCGGATGAAGCAGA 17

REF: T 1197

RES001 1137
US-09-866-108-8046
; Sequence 8046, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; PRIOR FILING DATE: 2001-02-05
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; SEQ ID NO 8046
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108-8046

 Query Match 0.7%; Score 12.8; DB 1; Length 17;
 Best Local Similarity 87.5%; Pred.No. 6.2e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps

 QY 128 ATCGGATGAAGAAGAT 143
 Db 1 AGCGGATGAGCAGAT 16

 RESULT 1198
 US-09-866-108-8303
 ; Sequence 8303, Application US/09866108
 ; Patent No. US2002004800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27

LENGTH: 1,
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108-8999

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGCCAGCCTCGGT 1555
|||||
Db 1 GAGCCAGCCTCGGT 16

RESULT 1202

US-09-866-108-9023/c
; Sequence 9023, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 9023
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9023

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1129 TCCACGACTACTTCCA 1144
|||||
Db 17 TCCACGACTACTTCCA 2

RESULT 1203

US-09-866-108-9024/c
; Sequence 9024, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 9024
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9024

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1129 TCCACGACTACTTCCA 1144
|||||
Db 16 TCCACGACTACTTCCA 1

RESULT 1204

US-09-866-108-10009
; Sequence 10009, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 10009
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-10009

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CGTCTCGGATGAGGT 401
|||||
DB 2 CGTCTCGGAGCGGT 17

RESULT 1205
US-09-866-108-10011
Sequence 10011, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 10009
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-10009

PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 10011
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-10011

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 387 GTCCTCGGATGAGGTG 402
|||||
DB 1 GTCCTCGGAGCGGTG 16

RESULT 1206
US-09-866-108-10403
Sequence 10403, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 10011
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-10011

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10403

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CCGCTCCGTCGTGTC 579
||| ||||| |||||
Db 2 CCGCTCCATCGTGTGTC 17

RESULT 1207

US-09-866-108-10404
; Sequence 10404, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10404
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10404

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CCGCTCCGTCGTGTC 579
||| ||||| |||||
Db 1 CCGCTCCATCGTGTGTC 16

RESULT 1208

US-09-866-108-10663/c
; Sequence 10663, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 10663

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10663

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1027 CTGGCTGACTTTGGCC 1042
Db 17 CTGGCTGGCTCTGGCC 2

RESULT 1209
US-09-866-108-10665/c
; Sequence 10665, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeoica Sequence Listing Engine
; SEQ ID NO 10665
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-10665

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGC 1041

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Db 16 GCTGGCTGGCTCTGGC 1

RESULT 1210
US-09-827-998-124/c
; Sequence 124, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeoica Sequence Listing Engine
; SEQ ID NO 124
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-124

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGCTCTC 392
Db 17 CTTGAGCCAGCTCTCCC 2

RESULT 1211
US-09-827-998-125/c
; Sequence 125, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeoica Sequence Listing Engine
; SEQ ID NO 125
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-125

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGCTCTC 392
Db 16 CTTGAGCCAGCTCTCCC 1

RESULT 1212
US-09-827-998-126/c
; Sequence 126, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:

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; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US 09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-126

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 375 GGCTTCAGCCAGTCC 390
Db 17 GTCTTCAGCCAGTCC 2

RESULT 1213
US-09-827-998-127/c
; Sequence 127, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 127
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-127

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 375 GGCTTCAGCCAGTCC 390
Db 16 GTCTTCAGCCAGTCC 1

RESULT 1214
US-09-827-998-574
; Sequence 574, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 574
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-574

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1010 AGAGGGAGAGCTCAA 1025
Db 2 AGAGGAGAGAGTCAA 17

RESULT 1215
US-09-827-998-577
; Sequence 577, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 577
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-577

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1012 AGGGGAGAGCTCAAGC 1027
Db 1 AGGAGAGAGGTCAAGC 16

RESULT 1216
US-09-864-785-480
; Sequence 480, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Stinchcomb, Dan
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 480
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-480

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; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 476
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-476

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 77 GAGGCCCCCGGGGTC 92
   |||||
Db 2 GGGGGCCCCGGGCUC 17

RESULT 1217
US-09-864-785-481
; Sequence 481, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MH800-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 481
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-481

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 77 GAGGCCCCCGGGGTC 92
   |||||
Db 1 GGGGGCCCCGGGCUC 16

RESULT 1218
US-09-825-805-476
; Sequence 476, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MH800-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
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```
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 476
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-476

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGGAGCTGACCCCTCA 532
   |||||
Db 1 GAGGAGCUGCCCUCA 16

RESULT 1219
US-09-825-805-690
; Sequence 690, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MH800-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 690
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-690

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1120 CTGCTTGGTCCACGG 1135
   |||||
Db 1 CUGCUGGGGCUCCAGG 16

RESULT 1220
US-09-961-077-226
; Sequence 226, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
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<p> ; TITLE OF INVENTION: Stranded Oligonucleotides ; FILE REFERENCE: Napro-4 ; CURRENT APPLICATION NUMBER: US/09/818,875 ; CURRENT FILING DATE: 2001-03-27 ; PRIOR APPLICATION NUMBER: US 60/192,176 ; PRIOR FILING DATE: 2000-03-27 ; PRIOR APPLICATION NUMBER: US 60/192,179 ; PRIOR FILING DATE: 2000-03-27 ; PRIOR APPLICATION NUMBER: US 60/208,538 ; PRIOR FILING DATE: 2000-06-01 ; PRIOR APPLICATION NUMBER: US 60/244,989 ; PRIOR FILING DATE: 2000-10-30 ; NUMBER OF SEQ ID NOS: 4385 ; SOFTWARE: Friedman macro Napro4 ; SEQ ID NO 4095 ; LENGTH: 17 ; TYPE: DNA ; ORGANISM: Homo sapiens ; US-09-818-875-4095 </p>	<p> Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 87.5%; Pred. No. 6.2e+02; Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0; </p>
<p> Qy 231 TGGTGGTGGTGGCGGC 246 Db 17 TGGTGGTGGTGGTGGC 2 </p>	
<p> RESULT 1226 US-09-877-478-1220 ; Sequence 1220, Application US/09877478 ; Publication No. US20030068301A1 ; GENERAL INFORMATION: ; APPLICANT: Ribozyne Pharmaceuticals, Inc. ; APPLICANT: Draper, Kenneth ; APPLICANT: Blatt, Larry ; APPLICANT: McSwiggen, Jim ; APPLICANT: Morrissey, Dave ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication ; FILE REFERENCE: MBH00-845-H (400/029) ; CURRENT APPLICATION NUMBER: US/09/877,478 ; CURRENT FILING DATE: 2001-12-31 ; PRIOR APPLICATION NUMBER: US 07/882,712 ; PRIOR FILING DATE: 1992-05-14 ; PRIOR APPLICATION NUMBER: US 09/531,025 ; PRIOR FILING DATE: 2000-03-20 ; PRIOR APPLICATION NUMBER: US 09/636,385 ; PRIOR FILING DATE: 2000-08-09 ; PRIOR APPLICATION NUMBER: US 09/696,347 ; PRIOR FILING DATE: 2000-10-24 ; PRIOR APPLICATION NUMBER: US 08/193,627 ; PRIOR FILING DATE: 1994-02-07 ; PRIOR APPLICATION NUMBER: US 08/433,993 ; PRIOR FILING DATE: 1995-05-04 ; PRIOR APPLICATION NUMBER: US 08/434,504 ; PRIOR FILING DATE: 1995-05-04 ; PRIOR APPLICATION NUMBER: US 09/436,430 ; PRIOR FILING DATE: 1999-11-08 ; NUMBER OF SEQ ID NOS: 6586 ; SOFTWARE: PatentIn version 3.0 ; SEQ ID NO 1220 ; LENGTH: 17 ; TYPE: RNA ; ORGANISM: Hepatitis B virus ; US-09-877-478-1220 </p>	<p> Query Match 0.7%; Score 12.8; DB 1; Length 17; Best Local Similarity 62.5%; Pred. No. 6.2e+02; Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0; </p>
<p> Qy 909 CGTGAACACTGCTCTG 924 </p>	

Db 1 CGAGAACUGUUCUG 16

RESULT 1227

US-09-877-478-1410
; Sequence 1410, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1410
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1410

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTCC 937

Db 2 CUGGCCAGCAGCUC 17

RESULT 1228

US-09-877-478-1415/c
; Sequence 1415, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627

; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1415
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1415

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 38 AGGCAGGAGCAGC 53

Db 17 AGGCAGGAGGAGGAGC 2

RESULT 1229

US-09-877-478-1416/c
; Sequence 1416, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1416
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1416

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 38 AGGCAGGAGCAGC 53

Db 16 AGGCAGGAGGAGGAGC 1

RESULT 1230

US-09-877-478-1818

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; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2429
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-2429

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1488 ACTTCTGTGACACTACT 1503
      |||:|||||:|||||:
Db 2 ACUUCGGAACUACU 17

RESULT 1232
US-09-848-754A-637/c
; Sequence 637, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 637
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-637

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGT 871
      |||:|||||:|||||:
Db 17 AAGGACCTGATGCATT 2

RESULT 1233
US-09-848-754A-970
; Sequence 970, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 970
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-970

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1290 CCTGTCCAAACGAGGAG 1305
      |||:|||||:|||||:
Db 2 CCUGUGCAACGUGGAG 17

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RESULT 1234
US-09-848-754A-1026/c
; Sequence 1026, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1026
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1026

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      234 TGGTGGTGGCGGCGACT 249
Db      16 TGGTGGTGGCGAGCAT 1

RESULT 1235
US-09-848-754A-1122/c
; Sequence 1122, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1122
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1122

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      354 CCACCGGCGAGGCTG 369
Db      17 CCACCGGCGAGGATG 2

RESULT 1236
US-09-848-754A-1123/c
; Sequence 1123, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1123
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1123/c

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      354 CCACCGGCGAGGCTG 369
Db      17 CCACCGGCGAGGATG 2
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1123

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      952 TGCCACCGGCGAGAGG 967
Db      16 TGCCACCGGCGAGGATG 1

RESULT 1237
US-09-848-754A-1434
; Sequence 1434, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1434
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1434

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy      990 CCAGAACCTGCTCATC 1005
Db      1 CCAGUACCUCCUACAAC 16

RESULT 1238
US-09-848-754A-1961/c
; Sequence 1961, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1961
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1961

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      856 AAGGACCTGAGCAGT 871
Db      16 AAGGACCTGATGCAAT 1

RESULT 1239
US-09-848-754A-2296/c
; Sequence 2296, Application US/09848754A
; Publication No. US20030073207A1
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```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2296
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2296

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 950 ACTGCCACCGCGAGAA 965
Db 16 AATGCCACCGCGAGGA 1

RESULT 1240
US-09-848-754A-2777
; Sequence 2777, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2777
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2777

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1290 CCTGTCAACGAGGAG 1305
Db 1 CCUGUGACACGUGAG 16

RESULT 1241
US-09-848-754A-2945/c
; Sequence 2945, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2945
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2945

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
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```
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1157 TGTGGGGTGTGGGCTG 1172
Db 16 TGTGGGGTGTGGGCTG 1

RESULT 1242
US-09-848-754A-3248/c
; Sequence 3248, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3248
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3248

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 950 ACTGCCACCGCGAGAA 965
Db 17 AATGCCACCGCGAGGA 2

RESULT 1243
US-09-848-754A-3284
; Sequence 3284, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3284
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3284

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 698 CACTCAAGGAGATCAG 713
Db 2 CCUCUAGGAGAAAG 17

RESULT 1244
US-09-848-754A-3285
; Sequence 3285, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
```

; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3285
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3285

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 698 CACTCAGGATCAG 713
Db 1 CCCUAGGAGUAAG 16

RESULT 1245
US-09-848-754A-3569/c
; Sequence 3569, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3569
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3569

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1157 TGTGGGTGTGGGCTG 1172
Db 17 TGTGGGTGTGGGCTG 2

RESULT 1246
US-09-848-754A-3602
; Sequence 3602, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3602

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 6.2e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1205 TCTTCCGGGCTCCAC 1220
Db 2 UCUUUAAGGGCUCCAC 17

RESULT 1247
US-09-848-754A-3603
; Sequence 3603, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3603
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3603

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 6.2e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 1205 TCTTCCGGGCTCCAC 1220
Db 1 UCUUUAAGGGCUCCAC 16

RESULT 1248
US-09-848-754A-3659/c
; Sequence 3659, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MEHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3659
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3659

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 212 AGATAGCCTGGATGA 227
Db 17 AGTTGGCCTGGATGA 2

RESULT 1249
US-09-776-474-78
; Sequence 78, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (C
; FILE REFERENCE: MEHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02

```
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 78
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-78

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1031 CTGACTTTGGCCTGGC 1046
Db 2 CAGACUUGGCUUGGC 17
|||||:|||||:|||||

RESULT 1250
US-09-776-474-607
; Sequence 607, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; TITLE OF INVENTION: Enzyme
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 607
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-607

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1302 GGAGTTCAGACATAC 1317
Db 2 GGAGUUCAGAGACAC 17
|||||:|||||:|||||

RESULT 1251
US-09-776-474-1018
; Sequence 1018, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; TITLE OF INVENTION: Enzyme
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
```

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; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1018
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1018

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1595 TGGTGACACCGAGTT 1610
Db 1 UGUGGAAACCAAGUU 16
|||||:|||||:|||||

RESULT 1252
US-09-776-474-1088
; Sequence 1088, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; TITLE OF INVENTION: Enzyme
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1088
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1088

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1031 CTGACTTTGGCCTGGC 1046
Db 1 CAGACUUGGCUUGGC 16
|||||:|||||:|||||

RESULT 1253
US-09-776-479-717/c
; Sequence 717, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
```



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; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-717

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 CCAGCTGACATCCGGC 499
Db 16 CCAGCTAACATCTGGC 1

RESULT 1254
US-09-776-479-717/c
; Sequence 717, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-717

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 CCAGCTGACATCCGGC 499
Db 16 CCAGCTAACATCTGGC 1

RESULT 1255
US-09-930-423-149/c
; Sequence 149, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 149
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-149
```

```
Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CCTGGATGACTGTGGG 888
Db 16 CGTGGATGACTGTGAG 1

RESULT 1256
US-09-930-423-472/c
; Sequence 472, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-472

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 CCCAGGGGAGGGCCCC 85
Db 17 CCCAGGGGAGGGCCCC 2

RESULT 1257
US-09-930-423-473/c
; Sequence 473, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 473
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-473

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 CCCAGGGGAGGGCCCC 85
Db 16 CCCAGGGGAGGGCCCC 1

RESULT 1258
US-09-930-423-801/c
; Sequence 801, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
```

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MBH00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 801
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-801

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 719 AACATGAAGAGGGCGC 734
Db 16 AGCATGAAGAGGGCGC 1

RESULT 1259
US-09-930-423-930
Sequence 930, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MBH00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 930
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-930

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 1090 GTGACACTGTGTGCTACC 1105
Db 2 GUGUCCUGUGGUACC 17

RESULT 1260
US-09-930-423-1143
Sequence 1143, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MBH00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1143
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-1143

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
QY 1090 GTGACACTGTGTGCTACC 1105
Db 1 GUGUCCUGUGGUACC 16

RESULT 1261
US-09-930-423-1177/c
Sequence 1177, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MBH00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1177
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-1177

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 228 GAGTGGTGTGTGCTGC 243
Db 17 GGGTGGTGTGTGCTGC 2

RESULT 1262
US-09-930-423-1297
Sequence 1297, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
FILE REFERENCE: MBH00,918-A 400/027
CURRENT APPLICATION NUMBER: US/09/930,423
CURRENT FILING DATE: 2001-08-15
NUMBER OF SEQ ID NOS: 4553
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1297
LENGTH: 17
TYPE: RNA
ORGANISM: Homo Sapiens
US-09-930-423-1297

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
QY 1298 ACGAGGAGTTCAAGAC 1313
Db 2 ACGAUGAGUUCAGGAC 17

RESULT 1263
US-09-930-423-1695
Sequence 1695, Application US/09930423
Publication No. US20030092003A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MBH00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1695
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1695

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      872  ACCTGGATGACTGTGG 887
Db      1  ACAUGGAAGACUGUGG 16

RESULT 1264
US-09-780-164-772
; Sequence 772, Application US/09780164
; Publication No. US2003009246A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 772
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-772

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      1090 GTGACACTGTGTGATCC 1105
Db      1  GUGACUGUGUGGUATCC 16

RESULT 1265
US-09-902-176A-22/c
; Sequence 22, Application US/09902176A
; Publication No. US20030099943A1
; GENERAL INFORMATION:
; APPLICANT: Schreiber, Stefan
; APPLICANT: Hampe, Jochen
; APPLICANT: Mascheretti, Silvia
; TITLE OF INVENTION: Diagnostic Use of Polymorphisms in the Gene Coding for
; TITLE OF INVENTION: the TNF Receptor II and Method for Detecting
; FILE REFERENCE: No. US20030099943A1-Responders to Anti-TNF-Therapy
; CURRENT APPLICATION NUMBER: US/09/902,176A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: EP 00114786.7
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
```

```
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-09-902-176A-22

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      555  CCTCAGCCGCGCCTC 570
Db      16  CCACAGCCGCGAGCCTC 1

RESULT 1266
US-09-827-395A-236
; Sequence 236, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 236
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-236

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      930  GCTGCTCGTGGCCTG 945
Db      2  GCUGUUCGCGGCCUG 17

RESULT 1267
US-09-827-395A-660/c
; Sequence 660, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 660
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
```

US-09-827-395A-660

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 79 GGGCCCGCGGCTCTG 94
Db 17 GGGCCCGCGGCTCTG 2

RESULT 1268

US-09-827-395A-900
; Sequence 900, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowria
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH900-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 900
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-900

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 932 TCTCTGCTGGCTGGC 947
Db 1 UGUUCCGCGCCUGGC 16

RESULT 1269

US-09-740-332-802
; Sequence 802, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-802

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGGCCCACTCAGCTCT 318

Db 1 GGGCCACACAGGUCU 16

RESULT 1270

US-09-740-332-825
; Sequence 825, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 825
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-825

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 883 TGTGGGACATCATCA 898
Db 2 UGUGGGACAUAUA 17

RESULT 1271

US-09-740-332-2350/c
; Sequence 2350, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2350

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 599 TTGGGAACCTGGAGAC 614
Db 16 TTGGGAACCTGGAGAC 1

RESULT 1272

US-09-740-332-2981/c
; Sequence 2981, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: RPI 400/003
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2981
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2981

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 GGGTCTGTGGGAGGAGA 367
|||||
Db 17 GGGTCTGGGGGAGGAGA 2

RESULT 1273
US-09-740-332-3730/c
; Sequence 3730, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: RPI 400/003
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3730
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3730

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 TGTGGGACATCATCA 898
|||||
Db 17 TGTGGGACATCATTA 2

RESULT 1274
US-09-740-332-3754/c
; Sequence 3754, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: RPI 400/003
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3754

; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3754

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGGCCCACTCAGCTCT 318
|||||
Db 16 GGGCCCACTCAGCTCT 1

RESULT 1275
US-09-740-332-4172/c
; Sequence 4172, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: RPI 400/003
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4172
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4172

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 144 CAAACGGCAGCTGTCA 159
|||||
Db 16 CCAACGGCAGCTGGCA 1

RESULT 1276
US-09-792-818-209/c
; Sequence 209, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MEH900-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 209
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-209

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Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1600 GACACCGAGTCTTAAG 1615
Db 16 GACACCGAGTTATTAG 1

RESULT 1277
US-09-792-818-359/c
; Sequence 359, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 359
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-359

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 GTGCTGCTCTCGGGGA 287
Db 16 GTGCTGCTCGAGGGGA 1

RESULT 1278
US-09-792-818-520/c
; Sequence 520, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBHB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-520

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 273 TGCTGCTCTCGGGGA 288
Db 16 TGCTGCTCTCGGGGA 2

RESULT 1279
US-09-745-237A-149/c
; Sequence 149, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 149
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-149

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 873 CCTGATGACTGTGGG 888
Db 16 CGTGATGACTGTGAG 1

RESULT 1280
US-09-745-237A-472/c
; Sequence 472, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-472

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 CCCAGGGGAGGGCCCC 85
Db 17 CCCAGGGGAGGGCCCC 2

RESULT 1281
US-09-745-237A-473/c
; Sequence 473, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
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/ NUMBER OF SEQ ID NOS: 4550
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 473
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-473

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 70 CCACGGGGAGGGCCCC 85
Db 16 CCCAGGGGGGGCCCC 1

RESULT 1282
US-09-745-237A-801/c
/ Sequence 801, Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MBHB00-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 801
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-801

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGGC 734
Db 16 AGCATGAAGAGGGGGC 1

RESULT 1283
US-09-745-237A-930
/ Sequence 930, Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MBHB00-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 930
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-930

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 AACATGAAGAGGGGGC 734
Db 16 AGCATGAAGAGGGGGC 1

RESULT 1284
US-09-745-237A-1143
/ Sequence 1143, Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MBHB00-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1143
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-1143

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1090 GTGACACTGTGGTACC 1105
Db 1 GUGUCCUGUGGUACC 16

RESULT 1285
US-09-745-237A-1177/c
/ Sequence 1177, Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MBHB00-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1177
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-745-237A-1177

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 228 GAGTGGTGGTGGTGGC 243
Db 17 GGGTGGTGGTGGTGGC 2

RESULT 1286
US-09-745-237A-1297
/ Sequence 1297, Application US/09745237A
/ Publication No. US20030143708A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Blatt, Larry
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
/ FILE REFERENCE: 400/007 (MBHB00-918-A)
/ CURRENT APPLICATION NUMBER: US/09/745,237A
/ CURRENT FILING DATE: 2002-04-15
/ NUMBER OF SEQ ID NOS: 4550
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1297
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1297

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1298 ACGAGAGTTCAGAC 1313
|||||:|:|:|
Db 2 ACGAUGAGUUCAGGAC 17

RESULT 1287
US-09-745-237A-1695
; Sequence 1695, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MEHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1695
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1695

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 872 ACCTGATCAGTGTGG 887
||:|||||:|:|
Db 1 ACAUGGAAGACUGUGG 16

RESULT 1288
US-09-817-879-802
; Sequence 802, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-802

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGGCCCACTCAGCTCT 318

Db 1 GGGCCCACTCAGGUCU 16
|||||:|:|:|

RESULT 1289
US-09-817-879-825
; Sequence 825, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 825
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-825

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 883 TGTGGGACATCATCA 898
:|:|||||:|:|:|
Db 2 UGUGGGACAUCAUA 17

RESULT 1290
US-09-817-879-2350/c
; Sequence 2350, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2350

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 599 TTGGGAACCTGGAGAC 614
|||||:|:|:|
Db 16 TTGGGAACCTGGAGAC 1

RESULT 1291
US-09-817-879-2981/c
; Sequence 2981, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2981
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2981

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 GGGTCTGATGGGAGA 367
Db 17 GGGTCTGCGGGAGA 2

RESULT 1292
US-09-817-879-3730/c
Sequence 3730, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3730
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3730

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 TGTGGGACATCATCA 898
Db 17 TGTGGGACATCATTA 2

RESULT 1293
US-09-817-879-3754/c
Sequence 3754, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3754

LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3754

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 303 GGGCCCACTCAGTCT 318
Db 16 GGGCCCACTCAGGTCT 1

RESULT 1294
US-09-817-879-4172/c
Sequence 4172, Application US/09817879
Publication No. US2003017131A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
FILE REFERENCE: MH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4172
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4172

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 144 CAACGGCAGCTGTCA 159
Db 16 CCAACGGCAGCTGGCA 1

RESULT 1295
US-10-222-566-8/c
Sequence 8, Application US/10222566
Publication No. US20040044192A1
GENERAL INFORMATION:
APPLICANT: NORRIS, STEVEN J.
APPLICANT: JING-REN, ZHANG
APPLICANT: HARDHAM, JOHN M.
APPLICANT: HOWELL, JERRILYN K.
APPLICANT: BARBOUR, ALAN G.
APPLICANT: WEINSTOCK, GEORGE M.
TITLE OF INVENTION: VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA
FILE REFERENCE: UTSH:234USD3
CURRENT APPLICATION NUMBER: US/10/222,566
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 09/125,619
PRIOR FILING DATE: 1999-01-27
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 17
TYPE: DNA
ORGANISM: Borrelia burgdorferi

US-10-222-566-8

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 528 CCTCAATAGCCCCATC 543
||| ||||| |||
Db 16 CCTTAATAGCCCCCTC 1

RESULT 1296

US-10-342-902-1220
; Sequence 1220, Application US/10342902
; Publication No. US20040054156A1

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: Draper, Kenneth

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; APPLICANT: Morrissey, Dave

; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; FILE REFERENCE: 400/075 (MEHB00-845-I)

; CURRENT APPLICATION NUMBER: US/10/342,902

; CURRENT FILING DATE: 2003-01-15

; PRIOR APPLICATION NUMBER: US 09/877,478

; PRIOR FILING DATE: 2001-06-08

; PRIOR APPLICATION NUMBER: US 09/531,025

; PRIOR FILING DATE: 2000-03-20

; PRIOR APPLICATION NUMBER: US 09/636,385

; PRIOR FILING DATE: 2000-08-09

; PRIOR APPLICATION NUMBER: US 09/696,347

; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627

; PRIOR FILING DATE: 1994-02-07

; PRIOR APPLICATION NUMBER: US 07/882,712

; PRIOR FILING DATE: 1992-05-14

; PRIOR APPLICATION NUMBER: US 09/436,430

; PRIOR FILING DATE: 1999-11-08

; NUMBER OF SEQ ID NOS: 6592

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1220

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Hepatitis B virus

US-10-342-902-1220

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 909 CGTGAACCTGTTCTCTG 924
||| ||||| |||
Db 1 CGAGAACUGUUCUUG 16

RESULT 1297

US-10-342-902-1410
; Sequence 1410, Application US/10342902
; Publication No. US20040054156A1

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: Draper, Kenneth

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; APPLICANT: Morrissey, Dave

; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; FILE REFERENCE: 400/075 (MEHB00-845-I)

; CURRENT APPLICATION NUMBER: US/10/342,902

; CURRENT FILING DATE: 2003-01-15

; PRIOR APPLICATION NUMBER: US 09/877,478

; PRIOR FILING DATE: 2001-06-08

; PRIOR APPLICATION NUMBER: US 09/531,025

; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1410
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1410

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 68.8%; Pred. No. 6.2e+02;

Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTCC 937
||| ||||| |||
Db 2 CUGGCCAGCAGCUCC 17

RESULT 1298

US-10-342-902-1415/c
; Sequence 1415, Application US/10342902
; Publication No. US20040054156A1

GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: Draper, Kenneth

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; APPLICANT: Morrissey, Dave

; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; FILE REFERENCE: 400/075 (MEHB00-845-I)

; CURRENT APPLICATION NUMBER: US/10/342,902

; CURRENT FILING DATE: 2003-01-15

; PRIOR APPLICATION NUMBER: US 09/877,478

; PRIOR FILING DATE: 2001-06-08

; PRIOR APPLICATION NUMBER: US 09/531,025

; PRIOR FILING DATE: 2000-03-20

; PRIOR APPLICATION NUMBER: US 09/636,385

; PRIOR FILING DATE: 2000-08-09

; PRIOR APPLICATION NUMBER: US 09/696,347

; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627

; PRIOR FILING DATE: 1994-02-07

; PRIOR APPLICATION NUMBER: US 07/882,712

; PRIOR FILING DATE: 1992-05-14

; PRIOR APPLICATION NUMBER: US 09/436,430

; PRIOR FILING DATE: 1999-11-08

; NUMBER OF SEQ ID NOS: 6592

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1415

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Hepatitis B virus

US-10-342-902-1415

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 6.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 38 AGGCAGGAGGAGGAGC 53
||| ||||| |||
Db 17 AGGCAGGAGGAGGAGC 2

RESULT 1299
US-10-342-902-1416/c
; Sequence 1416, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1416
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1416

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 38 AGGCAGGAGGACCAGC 53
| | | | | | | | | | | | | | | | | | | | | |
Db 16 AGGCAGGAGGAGGAGC 1

RESULT 1300
US-10-342-902-1818
; Sequence 1818, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08

; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1818

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTCC 937
| | | | | | | | | | | | | | | | | | | | | |
Db 1 CUGUGCCAGCAGGUCC 16

RESULT 1301
US-10-342-902-2429
; Sequence 2429, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MHB00-845-I)
; CURRENT APPLICATION NUMBER: US/10/342,902
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2429
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-2429

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1488 ACTTCCTGACACTACT 1503
| | | | | | | | | | | | | | | | | | | | | |
Db 2 ACUUCGGAACUACU 17

RESULT 1302
US-10-675-685-124/c
; Sequence 124, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 124
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-124

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTACGCCAGGTCCTC 392
Db 17 CTTACGCCAGGTCCTC 2

RESULT 1303
US-10-675-685-125/c
; Sequence 125, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 125
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-125

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTACGCCAGGTCCTC 392
Db 17 CTTACGCCAGGTCCTC 2

RESULT 1304
US-10-675-685-126/c
; Sequence 126, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-126

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTACGCCAGGTCCTC 392
Db 16 CTTACGCCAGGTCCTC 1

RESULT 1305
US-10-675-685-127/c
; Sequence 127, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 127
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-127

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GGCTTCAGCCAGGTCC 390
Db 16 GTCTTCAGCCAGGTCC 1

RESULT 1306
US-10-675-685-574
; Sequence 574, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 574
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-574

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAA 1025
Db 1010 AGAGGGGAGAGCTCAA 1025
```

Db 2 AGAGGAGAGAGTCAA 17

RESULT 1307

US-10-675-685-577
; Sequence 577, Application US/10675685
; Publication No. US20040063134A1

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 577
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-577

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1012 AGGGGAGAGCTCAAGC 1027

Db 1 AGGAGAGAGGTCAAGC 16
||| ||||| |||||

RESULT 1308

US-09-927-046-694
; Sequence 694, Application US/09927046
; Publication No. US20030064946A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channels
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 694
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-694

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 204 CCTGAGCAGATAGGC 219

Db 1 CACUGAGCAGAGGGGC 16
| : ||||| : |||

RESULT 1309

US-09-927-046-807
; Sequence 807, Application US/09927046
; Publication No. US20030064946A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channels
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 807
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-807

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1568 CTGACTCAGGCGGCC 1583

Db 2 CUGAUAACAGCAGGCC 17
| : || : || |||||

RESULT 1310

US-09-927-046-1212
; Sequence 1212, Application US/09927046
; Publication No. US20030064946A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride Channels
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1212

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 717 GGACATGAGAGGGG 732

Db 2 GGAGCAUGAAGAGGUG 17
||| ||||| |||||

RESULT 1311

US-09-927-046-1390/c
; Sequence 1390, Application US/09927046
; Publication No. US20030064946A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim

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; APPLICANT: Ayers, Dave
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1390
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1390

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1489 CTTCTGACACTTCTT 1504
DB 17 CTCCTGACACTTCTT 2

RESULT 1312
US-09-927-046-1439
; Sequence 1439, Application US/09927046
; Publication No. US20030064946A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: McSwiggen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: Ayers, Dave
; APPLICANT: Mckenzie, Tim
; APPLICANT: Grupe, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloride
; TITLE OF INVENTION: Channel-1
; FILE REFERENCE: 249/021
; CURRENT APPLICATION NUMBER: US/09/927,046
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1439
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-1439

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 186 AGACAAGACCAATGGT 201
DB 1 AGACAAGACCAUAUGU 16

RESULT 1313
US-10-314-578-717/c
; Sequence 717, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/NAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
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; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-717

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 CCAGCTGACATCCGGC 499
DB 16 CCAGCTAATCTGGC 1

RESULT 1314
US-10-430-882-236
; Sequence 236, Application US/10430882
; Publication No. US20030203870A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; APPLICANT: Peter Haerberli
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-H (400/112)
; CURRENT APPLICATION NUMBER: US/10/430,882
; CURRENT FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 09/827,395
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: PCT/US01/04273
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/10512
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 236
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-430-882-236

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGGCCTG 945
DB 2 GCUGUUCGCGGCGUG 17

RESULT 1315
US-10-430-882-660/c
; Sequence 660, Application US/10430882
; Publication No. US20030203870A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
```

APPLICANT: Peter Haerberli
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
FILE REFERENCE: MEHB00-878-H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT FILING DATE: 2003-05-06
PRIOR FILING DATE: 2001-04-05
PRIOR FILING DATE: 2001-04-05
PRIOR FILING DATE: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: PCT/US01/04273
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US02/10512
PRIOR FILING DATE: 2002-04-03
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 660
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-430-882-660

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 79 GGGCCCGCGGCTCTG 94
Db 17 GGGCCACGCGGTTCTG 2

RESULT 1316
US-10-430-882-900
Sequence 900, Application US/10430882
Publication No. US20030203870A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Lawrence Blatt
APPLICANT: James McSwiggen
APPLICANT: Bharat Chowrira
APPLICANT: Peter Haerberli
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
FILE REFERENCE: MEHB00-878-H (400/112)
CURRENT APPLICATION NUMBER: US/10/430,882
CURRENT FILING DATE: 2003-05-06
PRIOR FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: 09/827,395
PRIOR FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: 09/780,533
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: PCT/US01/04273
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: PCT/US02/10512
PRIOR FILING DATE: 2002-04-03
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 900
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-430-882-900

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 932 TGCTCCGCTGGCTCGC 947
Db 1 UGUUCCGCGGCTCGC 16

RESULT 1317
US-10-112-653-690/c
Sequence 690, Application US/10112653
Publication No. US20030050286A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 690
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-690

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 484 CCAGCTGACATCCGGC 499
Db 16 CCAGCTAACATCTGGC 1

RESULT 1318
US-10-017-995-717/c
Sequence 717, Application US/10017995
Publication No. US2003005014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 717
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-717

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 484 CCAGCTGACATCCGGC 499
Db 16 CCAGCTAACATCTGGC 1

RESULT 1319
US-10-222-162-8/c
Sequence 8, Application US/10222162
Publication No. US20030060618A1
GENERAL INFORMATION:
APPLICANT: NORRIS, STEVEN J.
APPLICANT: JING-REN, ZHANG
APPLICANT: HARDHAM, JOHN M.
APPLICANT: HOWELL, JERRILYN K.

; APPLICANT: BARBOUR, ALAN G.
; APPLICANT: WEINSTOCK, GEORGE M.
; TITLE OF INVENTION: VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA
; FILE REFERENCE: UTS#234USD4
; CURRENT APPLICATION NUMBER: US/10/222.162
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 09/125,619
; PRIOR FILING DATE: 1999-01-27
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Borrelia burgdorferi
US-10-222-162-8

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 CCTCAATAGCCCCATC 543
||| ||||| ||||| |||||
Db 16 CCTTAATAGCCCCCTC 1

RESULT 1320
US-10-143-024-8/c
; Sequence 8, Application US/10143024
; Publication No. US20030092903A1
; GENERAL INFORMATION:
; APPLICANT: NORRIS, STEVEN J.
; APPLICANT: JING-REN, ZHANG
; APPLICANT: HARDHAM, JOHN M.
; APPLICANT: HOWELL, JERRILYN K.
; APPLICANT: BARBOUR, ALAN G.
; APPLICANT: WEINSTOCK, GEORGE M.
; TITLE OF INVENTION: VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA
; CURRENT APPLICATION NUMBER: US/10/143,024
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 09/125,619
; PRIOR FILING DATE: 1999-01-27
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Borrelia burgdorferi
US-10-143-024-8

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 CCTCAATAGCCCCATC 543
||| ||||| ||||| |||||
Db 16 CCTTAATAGCCCCCTC 1

RESULT 1321
US-10-060-895A-604
; Sequence 604, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 604
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-895A-604

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 GCCCCACACGCTGCTG 277
||| ||||| ||||| |||||
Db 2 GCCCACACACCTGCTG 17

RESULT 1322
US-10-060-895A-605
; Sequence 605, Application US/10060895A
; Publication No. US20030104403A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGLACTOSAMINYLTRANSFERASE 10
; FILE REFERENCE: PB0158
; CURRENT APPLICATION NUMBER: US/10/060,895A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/315,984
; PRIOR FILING DATE: 2001-08-30
; NUMBER OF SEQ ID NOS: 1682
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 605
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-060-895A-605

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 262 GCCCCACACGCTGCTG 277
|||||
DB 1 GCCCACACCTGCTG 16

RESULT 1323

US-10-060-998-60
; Sequence 60, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 60
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-60

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 TATCTAGGAACCCCA 1266
|||||
DB 2 TATCTAGGAATCCCA 17

RESULT 1324

US-10-060-998-62
; Sequence 62, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 62
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-62

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1252 ATCTTAGGAACCCCA 1267

DB 1 ATCTAAGGAATCCCA 16
|||||

RESULT 1325

US-10-060-998-1237
; Sequence 1237, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1237
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1237

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTGTTCCAG 930
|||||
DB 2 ACTGTTACGTTCCAG 17

RESULT 1326

US-10-060-998-1238
; Sequence 1238, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1238
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-1238

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 915 ACTGTTCTGTTCCAG 930
|||||
DB 1 ACTGTTACGTTCCAG 16

RESULT 1327

US-10-163-552-409
; Sequence 409, Application US/10163552

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US-10-156-306-2802
Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CAAGTCAATCCCAACA 1068
   ||| || ||||| |||
Db 17 CAAATCCATCCCAACA 2

RESULT 1330
US-10-156-306-4481
; Sequence 4481, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4481
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4481

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 6.2e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1199 GTCCCTCTTTTCGGG 1214
   |:|:|:|:|:|
Db 2  GUCCCCUCUUUGGG 17

RESULT 1331
US-10-156-306-5147
; Sequence 5147, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5147
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5147

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 6.2e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1199 GTCCCTCTTTTCGGG 1214
   |:|:|:|:|:|
Db 1  GUCCCCUCUUUGGG 16

RESULT 1332
US-10-156-306-6336
; Sequence 6336, Application US/10156306
; Publication No. US20030119017A1

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; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6336
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6336

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 40 GCAGGAGGACCAGCAG 55
Db 1 GCAGGAGGACCAGCUG 16

RESULT 1333
US-10-156-306-6936
; Sequence 6936, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6936
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6936

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 40 GCAGGAGGACCAGCAG 55
Db 2 GCAGGAGGACCAGCUG 17

RESULT 1334
US-10-238-700-51/c
; Sequence 51, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 51
; LENGTH: 17
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-51

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1315 TACAACTACCCCAAGT 1330
Db 17 TCCTAACTACCCCAAGT 2

RESULT 1335
US-10-238-700-2777/c
; Sequence 2777, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2777
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2777

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 103 CGCGCGCCCGCCGGA 118
Db 16 CGCGCGCCCGCCGGA 1

RESULT 1336
US-10-238-700-2801/c
; Sequence 2801, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 2801
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2801

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 560 GCCGCGCGCTCCGTCG 575
```

Db 16 GCGCGCGCGCGCGCG 1
|||||

RESULT 1337
US-10-238-700-2972
; Sequence 2972, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2972
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2972

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 29 TGCACAGGTAGGCGAG 44
:|||||

Db 2 UGCACAGGTAGGCGAG 17
:|||||

RESULT 1338
US-10-238-700-3019
; Sequence 3019, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3019
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3019

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGC 246
:|||||

Db 1 UGGUGUGUGGCGGC 16
:|||||

RESULT 1339
US-10-238-700-3084
; Sequence 3084, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2972
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2972

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 29 TGCACAGGTAGGCGAG 44
:|||||

Db 2 UGCACAGGTAGGCGAG 17
:|||||

RESULT 1338
US-10-238-700-3019
; Sequence 3019, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3019
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3019

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 6.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGC 246
:|||||

Db 1 UGGUGUGUGGCGGC 16
:|||||

RESULT 1339
US-10-238-700-3084
; Sequence 3084, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3084
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3084

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 456 TGAGGACATCAACAG 471
:|||||

Db 2 UGAGGACAUCCACAG 17
:|||||

RESULT 1340
US-10-238-700-3089
; Sequence 3089, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Lev
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3089
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3089

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 6.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 135 GAAGAAGATCAACCG 150
:|||||

Db 2 GGAGCAUCAACCG 17
:|||||

RESULT 1341
US-10-339-782-327
; Sequence 327, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-0001100S
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1

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; SEQ ID NO 327
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-327

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred.No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      47  GACCAGCAGTGTGACT 62
Db      1  GATCAGCATTTGTGACT 16

RESULT 1342
US-10-061-201-107/c
; Sequence 107, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-107

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred.No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      557  TCAGCGCGCCCTCCG 572
Db      17  TCAGCCCCCTCTCCG 2

RESULT 1343
US-10-061-201-109/c
; Sequence 109, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666

```

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 697 GCACCTCAAGGAGATCA 712
|||||
Db 17 GCACCTCAGAGATCA 2

RESULT 1345
US-10-061-201-281/c
; Sequence 281, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 281
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-281

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 696 GGCACCTCAGGAGATC 711
|||||
Db 16 GGCACCTCAGAGATC 1

RESULT 1346
US-10-061-201-859
; Sequence 859, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 859
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-859

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 178 CGAGGCATAGACAAGA 193
|||||
Db 2 CGAGGCAGGACAAGA 17

RESULT 1347
US-10-061-201-860
; Sequence 860, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 860
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-860

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 178 CGAGGCATGACAGA 193
||||| |||||
Db 1 CGAGGCAAGGACAGA 16

RESULT 1348

US-10-061-201-864/c
; Sequence 864, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 864
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-864

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 CTCACCTTGTCTTTG 844
||||| |||||
Db 17 CTCACCTTGTCTTTG 2

RESULT 1349

US-10-061-201-865/c
; Sequence 865, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 865
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-865

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 CTCACCTTGTCTTTG 844
||||| |||||
Db 16 CTCACCTTGTCTTTG 1

RESULT 1350

US-10-061-201-1043
; Sequence 1043, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1043
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1043

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1278 GTGCCAGGCATCTTG 1293
||||| |||||
Db 2 GTGCCAGGCATCTTG 17

RESULT 1351
US-10-061-201-1044
; Sequence 1044, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1044
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1044

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1278 GTGCCAGGATCTCTG 1293
||| ||||| |||||
Db 1 GTGCCAGGATCTCTG 16

RESULT 1352
US-10-061-201-1982
; Sequence 1982, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1982
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1982

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1662 CCTCACAGGGGAGCC 1677
||||| ||||| |||||
Db 2 CCTCACAGGGGAGCC 17

RESULT 1353
US-10-061-201-1984
; Sequence 1984, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1984
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1984

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1663 CCTCACAGGGGAGCC 1678
||||| ||||| |||||
Db 1 CCTCACAGGGGAGCC 16

RESULT 1354
US-10-084-839-3116/c
; Sequence 3116, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:

APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyanichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuBo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3116
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-3116

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 TCCAGCTCTCCGTGG 941
DB 16 TCCAGCTCTCCGTGG 1

RESULT 1355
US-10-230-006-125
Sequence 125, Application US/10230006
Publication No. US20030191077A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Fosnaugh, Kathy
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC COND
FILE REFERENCE: 400/056 (MBHB01-1110)
CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 2678
SOFTWARE: PatentIn version 3.0
SEQ ID NO 125
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-230-006-125

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGATTGTCCACGAGGA 341
DB 2 AGAUGGUCCACGAGGA 17
RESULT 1356
US-10-230-006-705
Sequence 705, Application US/10230006
Publication No. US20030191077A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Fosnaugh, Kathy
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CON
FILE REFERENCE: 400/056 (MBHB01-1110)
CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 2678
SOFTWARE: PatentIn version 3.0
SEQ ID NO 705
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-230-006-705

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGATTGTCCACGAGGA 341
DB 1 AGAUGGUCCACGAGGA 16

RESULT 1357
US-10-230-006-749
Sequence 749, Application US/10230006
Publication No. US20030191077A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Fosnaugh, Kathy
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CON
FILE REFERENCE: 400/056 (MBHB01-1110)
CURRENT APPLICATION NUMBER: US/10/230,006
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: US 60/315,315
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEQ ID NOS: 2678
SOFTWARE: PatentIn version 3.0
SEQ ID NO 749
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-230-006-749

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 317 CTGCACCAGAGATTGT 332
DB 2 CUGCACCAGGACUGU 17

RESULT 1358
US-10-230-006-1218
Sequence 1218, Application US/10230006
Publication No. US20030191077A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1218
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-1218

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1379 GGGCCGACCTCCTCAC 1394
Db 2 GGGCCGAGCUCUCCAC 17

RESULT 1359
US-10-230-006-1347/c
; Sequence 1347, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1347
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-1347

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 819 GGAGAGTCCCTCACC 834
Db 17 GGAGAGCGCTCACC 2

RESULT 1360
US-10-230-006-2192
; Sequence 2192, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230,006
; CURRENT FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 2678
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2192
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-230-006-2192

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 319 GCACGAGATTGTGC 334
Db 1 GCACGAGGACUGGC 16

RESULT 1361
US-10-209-787-731
; Sequence 731, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 731
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-731

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 605 AACTGGAGACCTACAT 620
Db 2 AAAAGGAGACCTACAT 17

RESULT 1362
US-10-209-787-732/c
; Sequence 732, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
```

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; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 732
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-732

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      605 AACTGGAGACCTACAT 620
Db      16 AAAGGAGACCTACAT 1

RESULT 1363
US-10-209-787-4094
; Sequence 4094, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4094
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-4094

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      231 TGGTGGTGGTGGCGGC 246
Db      1 TGGTGGTGGTGGCGGC 16

RESULT 1364
US-10-209-787-4095/c
; Sequence 4095, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampfer, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
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; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4095
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-4095

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      231 TGGTGGTGGTGGCGGC 246
Db      17 TGGTGGTGGTGGCGGC 2

RESULT 1365
US-10-297-068-622/c
; Sequence 622, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 622
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-622

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      201 TGCCCTGTGCAGATA 216
Db      17 TGCCTCTGTGCAGATA 2

RESULT 1366
US-10-297-068-1200/c
; Sequence 1200, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
```

APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 1200
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-1200

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1239 CTTTCATCTCCGTATC 1254
||||| ||||| ||
DB 16 CTTTCATGTTCCGTGTC 1

RESULT 1367
US-10-297-068-1213/c
Sequence 1213, Application US/10297068
Publication No. US20030228585A1
GENERAL INFORMATION:
APPLICANT: INOKO, Hidetoshi
APPLICANT: KAGIYA, Taeko
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 1213
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-1213

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1239 CTTTCATCTCCGTATC 1254
||||| ||||| ||
DB 16 CTTTCATGTTCCGTGTC 1

RESULT 1368
US-10-261-185-731
Sequence 731, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
Stranded Oligonucleotides

FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 731
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-261-185-731

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 605 AACTGGAGACCTACAT 620
||||| ||||| |||||
DB 2 AAAAGGAGACCTACAT 17

RESULT 1369
US-10-261-185-732/c
Sequence 732, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
Stranded Oligonucleotides
FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 732
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-261-185-732

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 605 AACTGGAGACCTACAT 620
||||| ||||| |||||
DB 16 AAAAGGAGACCTACAT 1

RESULT 1370
US-10-261-185-4094
Sequence 4094, Application US/10261185

Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-06-01
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4094
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-4094

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGC 246
DB 1 TGGTGGTGGTGGCGGC 16

RESULT 1371
US-10-261-185-4095/c
; Sequence 4095, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; PRIOR FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR FILING DATE: 2000-06-01
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4095
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-4095

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGC 246

Db 17 TGGTGGTGGTGGCGGC 2

RESULT 1372
US-09-813-329-12
; Sequence 12, Application US/09813329
; Patent No. US20020012968A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: No. US20020012968A1el Drosophila Tumor Necrosis Factor Class Mol
; FILE REFERENCE: D0016.np
; CURRENT APPLICATION NUMBER: US/09/813,329
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/190,816
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-813-329-12

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1595 TGGTGGACCCGAGTT 1610
DB 3 TGGTGGACCCGAGTT 18

RESULT 1373
US-09-758-257-11
; Sequence 11, Application US/09758257
; Patent No. US20020048812A1
; GENERAL INFORMATION:
; APPLICANT: Ronnett, Gabriele
; APPLICANT: Barber, Robert Duncan
; APPLICANT: Yau, King-Wai
; TITLE OF INVENTION: ISOLATION AND IN VITRO DIFFERENTIATION OF CONDITIONALLY
; FILE REFERENCE: 01107.00071
; CURRENT APPLICATION NUMBER: US/09/758,257
; CURRENT FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/176,451
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-758-257-11

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 GCAGTACCTGGATGAC 882
DB 3 GCAGTACCTGGATGAC 18

RESULT 1374
US-09-452-599-136
; Sequence 136, Application US/09452599
; Patent No. US20020055101A1
; GENERAL INFORMATION:
; APPLICANT: Bergeron, Michel G.
; APPLICANT: Ouellette, Marc

APPLICANT: ROY, Paul H.
TITLE OF INVENTION: Specific and Universal Probes and Amplification Primers
TITLE OF INVENTION: to Rapidly Detect and Identify Common Bacterial
TITLE OF INVENTION: Pathogens and Antibiotic Resistance Genes from Clinical
TITLE OF INVENTION: Specimens for Routine Diagnosis in Micro
FILE REFERENCE: 12287.31
CURRENT APPLICATION NUMBER: US/09/452,599
PRIOR FILING DATE: 1999-12-01
PRIOR FILING DATE: 1995-09-11
PRIOR APPLICATION NUMBER: 08/526,840
PRIOR FILING DATE: 1994-09-12
NUMBER OF SEQ ID NOS: 177
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 136
LENGTH: 18
TYPE: DNA
ORGANISM: Klebsiella pneumoniae
US-09-452-599-136

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1633 AGCAGGCAGCGGCTGG 1648
Db 1 AGCTGGCAACGGCTGG 16

RESULT 1375
US-09-875-338-50
Sequence 50, Application US/09875338
Patent No. US20020095024A1
GENERAL INFORMATION:
APPLICANT: MIKESELL, GLEN E.
APPLICANT: CHANG, HAN
APPLICANT: FINGER, JOSHUA N.
APPLICANT: YANG, GUCHEN
APPLICANT: LU, PIN
APPLICANT: ZHOU, XIA-DI
APPLICANT: PEACH, ROBERT
TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
TITLE OF INVENTION: IMMUNOMODULATION
FILE REFERENCE: 3053-4071US2
CURRENT APPLICATION NUMBER: US/09/875,338
CURRENT FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/272,107
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/209,811
PRIOR FILING DATE: 2000-06-06
NUMBER OF SEQ ID NOS: 94
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 50
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-875-338-50

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 350 TGGGGTCTGATGGGA 365
Db 3 TGGGGTCTGATGGTGA 18

RESULT 1376
US-09-954-314-39
Sequence 39, Application US/09954314
Patent No. US20020127666A1

GENERAL INFORMATION:
APPLICANT: Rouviere, Pierre E.
APPLICANT: Brzostowicz, Patricia C.
TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIAT
FILE REFERENCE: BC1001 US NA
CURRENT APPLICATION NUMBER: US/09/954,314
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 60/120,702
PRIOR FILING DATE: 1999-February-19
NUMBER OF SEQ ID NOS: 49
SOFTWARE: Microsoft Office 97
SEQ ID NO 39
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-954-314-39

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 1479 GATCCACAACTTCCT 1494
Db 1 GATCCACAACTTCCT 16

RESULT 1377
US-09-969-373-1857/c
Sequence 1857, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1857
LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-1857

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 45 AGGACCAGCAGTGTA 60
Db 17 AGCACCTGCAGTGTA 2

RESULT 1378
US-09-969-373-4418
Sequence 4418, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853

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; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4418
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-4418

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 777 CAACACGCCCAACATC 792
Db 3 CAACACGTCACATC 18

RESULT 1379
US-09-918-186A-99/c
; Sequence 99, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; CURRENT FILING DATE: 2001-07-30
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 09/163,162
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 99
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-99

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCA 247
Db 18 GGTGGCGGGCGGCGCA 3

RESULT 1380
US-09-997-664-25
; Sequence 25, Application US/09997664
; Patent No. US20020151003A1
; GENERAL INFORMATION:
; APPLICANT: Ben-Bassat, Arie
; APPLICANT: Cattermole, Monica
; APPLICANT: Gatenby, Anthony A.
; APPLICANT: Gibson, Katherine J.
; APPLICANT: Ramos-Gonzalez, Isabel
; APPLICANT: Ramos, Juan
; APPLICANT: Sariaelani, Sina
; TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of
; FILE REFERENCE: Pseudomonas and Agrobacterium
; FILE REFERENCE: BC1018 US CIP

; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US/09/997,664
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: primer used for sequencing pcu
US-09-997-664-25

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 CACGACTACTCCACT 1146
Db 2 CTCGGACTACACACT 17

RESULT 1381
US-09-808-602-44
; Sequence 44, Application US/09808602
; Patent No. US2002015115A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A
; APPLICANT: Fernandes, Elma
; APPLICANT: Shinkets, Richard A
; APPLICANT: Herrman, John L
; APPLICANT: Majumder, Kumud
; APPLICANT: Mishra, Vishnu
; APPLICANT: Mezes, Peter S
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: No. US2002015115A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-697 CIP
; CURRENT APPLICATION NUMBER: US/09/808,602
; CURRENT FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 09/800,198
; PRIOR FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: 60/186,596
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:32125243 S5
US-09-808-602-44

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1317 CAACTACCCCAAGTAC 1332
Db 3 CATCTACCCCAAGGAC 18

RESULT 1382
US-09-808-602-45/c
; Sequence 45, Application US/09808602
; Patent No. US2002015115A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A
; APPLICANT: Fernandes, Elma
; APPLICANT: Shinkets, Richard A
; APPLICANT: Herrman, John L
```

APPLICANT: Majumder, Kumud
APPLICANT: Mishra, Vishnu
APPLICANT: Mezes, Peter S
APPLICANT: MacDougall, John
TITLE OF INVENTION: No. US2002015115A1e1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-697 CIP
CURRENT APPLICATION NUMBER: US/09/808,602
CURRENT FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/800,198
PRIOR FILING DATE: 2001-03-05
PRIOR APPLICATION NUMBER: 60/186,596
PRIOR FILING DATE: 2000-03-03
NUMBER OF SEQ ID NOS: 114
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 45
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:32125243 S6
US-09-808-602-45

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1317 CAACTACCCCAAGTAC 1332
DB 16 CATCTACCCCAAGGAC 1

RESULT 1383
US-09-349-216-16/c
Sequence 16, Application US/09349216
Publication No. US20030013668A1
GENERAL INFORMATION:
APPLICANT: Veerapanane, Dange
APPLICANT: Hamaoka, Shoji
APPLICANT: Kubo, Hiroyuki
APPLICANT: No. US20030013668A1awa, Iwao
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES TARGETED TO IL-15
FILE REFERENCE: 09326/004001
CURRENT APPLICATION NUMBER: US/09/349,216
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: 60/091,873
EARLIER FILING DATE: 1998-07-07
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-349-216-16

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 84 CCGGGCTCTGAGGTT 99
DB 18 CCGGGCTCTGACATT 3

RESULT 1384
US-09-500-700-68/c
Sequence 68, Application US/09500700
Publication No. US20030059767A1
GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
APPLICANT: BARBAS III, Carlos F.

APPLICANT: GOTTESFELD, Joel M.
APPLICANT: WRIGHT, Peter E.
TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
FILE REFERENCE: SCRIPI160-4
CURRENT APPLICATION NUMBER: US/09/500,700
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 08/863,813
PRIOR FILING DATE: 1997-05-27
PRIOR APPLICATION NUMBER: US 08/676,318
PRIOR FILING DATE: 1996-12-30
PRIOR APPLICATION NUMBER: PCT/US95/00829
PRIOR FILING DATE: 1995-01-18
PRIOR APPLICATION NUMBER: US 08/312,604
PRIOR FILING DATE: 1994-09-28
PRIOR APPLICATION NUMBER: US 08/183,119
PRIOR FILING DATE: 1994-01-18
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn version 3.1
SEQ ID NO 68
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: (GCG) 6 probe
US-09-500-700-68

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 GCCGCGCGCTCGTCG 575
DB 17 GCCGCGCGCGCGCGCG 2

RESULT 1385
US-09-774-381-11/c
Sequence 11, Application US/09774381
Publication No. US20030082677A1
GENERAL INFORMATION:
APPLICANT: Holtzman, Douglas A.
APPLICANT: McCarthy, Sean A.
APPLICANT: Pan, Yang
APPLICANT: Gearing, David P.
TITLE OF INVENTION: NOVEL EDIRE, MTR-1, LSP-1, TAP-1, AND PA-I MOLECULES
FILE REFERENCE: MNI-107CP2
CURRENT APPLICATION NUMBER: US/09/774,381
CURRENT FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 08/941,354
PRIOR FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: 09/010,674
PRIOR FILING DATE: 1998-01-22
PRIOR APPLICATION NUMBER: 60/061,149
PRIOR FILING DATE: 1997-10-06
PRIOR APPLICATION NUMBER: 09/014,347
PRIOR FILING DATE: 1998-01-27
PRIOR APPLICATION NUMBER: 60/061,159
PRIOR FILING DATE: 1997-10-06
PRIOR APPLICATION NUMBER: 09/474,151
PRIOR FILING DATE: 2000-12-21
PRIOR APPLICATION NUMBER: 09/004,206
PRIOR FILING DATE: 1998-01-08
PRIOR APPLICATION NUMBER: 60/061,143
PRIOR FILING DATE: 1997-10-06
PRIOR APPLICATION NUMBER: 09/483,414
PRIOR FILING DATE: 2000-01-14
PRIOR APPLICATION NUMBER: 09/213,571
PRIOR FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 08/994,890
PRIOR FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 59
SOFTWARE: PatentIn Ver. 2.0


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; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-774-381-11

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1164 TGTGGGCTGCATCTTC 1179
      |||||
Db 17 TGTGGGCTGCACCTGC 2

RESULT 1386
US-09-306-333A-22
; Sequence 22, Application US/09306333A
; Publication No. US20030152918A1
; GENERAL INFORMATION:
; APPLICANT: Academy of Applied Science
; TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
; FILE REFERENCE: BRCA1
; CURRENT APPLICATION NUMBER: US/09/306,333A
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/IB00/01607
; PRIOR FILING DATE: 2000-11-06
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-306-333A-22

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1695 TGCTTACTCTCTGCCT 1710
      |||||
Db 3 TGCTTAGTATCTGCCT 18

RESULT 1387
US-09-907-190-33/c
; Sequence 33, Application US/09907190
; Publication No. US2002025528A1
; GENERAL INFORMATION:
; APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;
; BREAKFIELD, XANDRA, O;
; SLAUGENHAUPT, SUSAN
; TITLE OF INVENTION: USE OF GENETIC MARKERS TO
; DIAGNOSE FAMILIAL DYSAUTONOMIA
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/907,190
; FILING DATE: 17-Jul-2001
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```
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,655
; FILING DATE: 07-JUNE-1995
; APPLICATION NUMBER: 08/049,678
; FILING DATE: 16-APRIL-1993
; APPLICATION NUMBER: US/07/890,719
; FILING DATE: 29-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KENNETH H. SONNENFELD
; REGISTRATION NUMBER: 33,285
; REFERENCE/DOCKET NUMBER: 1829-4001US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-451-8513
; TELEFAX: 212-751-6849
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; HYPOTHETICAL: No
; MAP POSITION: A SECOND GENERATION LINKAGE MAP OF
; THE HUMAN GENOME
; FEATURE:
; NAME/KEY: PRIMER SEQUENCE OF D9S174 LOCUS
; LOCATION: CHROMOSOME 9
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
; PUBLICATION INFORMATION:
; AUTHORS: WEISSENBACH, ET AL.
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-907-190-33

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 278 CTCCTGGGGAACTTCG 293
      |||||
Db 18 CACCTGGGGAACTTTG 3

RESULT 1388
US-10-181-316-99/c
; Sequence 99, Application US/10181316
; Publication No. US20030211607A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0650
; CURRENT APPLICATION NUMBER: US/10/181,316
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02939
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 99
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-99
```

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGCA 247
|||||
Db 18 GGTGGCGCGCGCGCA 3

RESULT 1389

US-10-077-023-50
; Sequence 50, Application US/10077023
; Publication No. US20030031675A1
; GENERAL INFORMATION:
; APPLICANT: MIKESSELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; FILE REFERENCE: 3053-4071US3
; CURRENT APPLICATION NUMBER: US/10/077,023
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-077-023-50

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 TGGGGTCTGTGATGGGCA 365
|||||
Db 3 TGGGGTGTGATGGTGA 18

RESULT 1390

US-10-156-610-13/c
; Sequence 13, Application US/10156610
; Publication No. US20030050270A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Eich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: ISPH-0666
; CURRENT APPLICATION NUMBER: US/10/156,610
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 09/856,246
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: PCT/US99/16959
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 09/197,008
; PRIOR FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 83
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-156-610-13

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGT 871
|||||
Db 16 AAGTACCTGAACCACT 1

RESULT 1391

US-10-054-387-18/c
; Sequence 18, Application US/10054387
; Publication No. US20030054365A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Minzhen
; APPLICANT: Qiu, Gang
; APPLICANT: Humphreys, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/10/054,387
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
; OTHER INFORMATION: of the mouse li gene.
US-10-054-387-18

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGAAGCTGACCTCA 532
|||||
Db 18 GACAAGCTGACCATCA 3

RESULT 1392

US-10-229-755A-4
; Sequence 4, Application US/10229755A
; Publication No. US20030082601A1
; GENERAL INFORMATION:
; APPLICANT: Dill Kilian
; TITLE OF INVENTION: ENZYME-AMPLIFIED REDOX MICROARRAY DETECTION PROCESS
; FILE REFERENCE: 0701
; CURRENT APPLICATION NUMBER: US/10/229,755A
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: microarray capture probe
US-10-229-755A-4

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1554 GCTTCGTCGATCGCT 1569
Db 3 GCTTCGTCGATCGCT 18

RESULT 1393
US-10-314-405-45/c
; Sequence 45, Application US/10314405
; Publication No. US20030108940A1
; GENERAL INFORMATION:
; APPLICANT: Hidetoshi, Inoko
; APPLICANT: Gen. Tamiya
; APPLICANT: Yasunari, Matsuzaka
; TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS I
; FILE REFERENCE: 06501-069001
; CURRENT APPLICATION NUMBER: US/10/314,405
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US/09/713,616
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-314-405-45

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 GCGCGCGCTCCGTCG 575
Db 17 GCGCGCGCGCGCGCG 2

RESULT 1394
US-10-230-562-39
; Sequence 39, Application US/10230562
; Publication No. US20030113886A1
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E
; APPLICANT: Brzostowicz, Patricia C
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID
; TITLE OF INVENTION: INTERMEDIATES
; FILE REFERENCE: BC-1001
; CURRENT APPLICATION NUMBER: US/10/230,562
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/120,702
; PRIOR FILING DATE: 1999-02-19
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-230-562-39

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1479 GATCCACAAACTTCCT 1494
Db 1 GATCCACCAAGTTCT 16

RESULT 1395
US-10-270-839-14
; Sequence 14, Application US/10270839
; Publication No. US20030143586A1

; GENERAL INFORMATION:
; APPLICANT: Chao, Qimin
; APPLICANT: Grasso, Luigi
; APPLICANT: Sasse, Philip M.
; APPLICANT: Nicolaides, Nicholas C.
; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
; FILE REFERENCE: AG0002US (MOR-0133)
; CURRENT APPLICATION NUMBER: US/10/270,839
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/328,750
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-270-839-14

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 371 ACCAGCCTTCAGCCAC 386
Db 3 ACCAGCCTTCAGCCAC 18

RESULT 1396
US-10-326-184-6
; Sequence 6, Application US/10326184
; Publication No. US20030163847A1
; GENERAL INFORMATION:
; APPLICANT: Monsanto Company
; TITLE OF INVENTION: REVERSIBLE MALE STERILITY IN TRANSGENIC PLANTS BY EXPRESSION OF
; TITLE OF INVENTION: OXIDASE 1
; FILE REFERENCE: MTC6781.1
; CURRENT APPLICATION NUMBER: US/10/326,184
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 60/343,129
; PRIOR FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-326-184-6

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1285 GGCATCCTCTCCCAACG 1300
Db 2 GGCATCCTCTCCCAACG 17

RESULT 1397
US-10-121-120-136
; Sequence 136, Application US/10121120
; Publication No. US20030180733A1
; GENERAL INFORMATION:
; APPLICANT: Bergeron, Michel G.
; APPLICANT: Ouellette, Marc
; APPLICANT: Roy, Paul H.
; TITLE OF INVENTION: Specific and Universal Probes and Amplification
; TITLE OF INVENTION: Primers
; TITLE OF INVENTION: to Rapidly Detect and Identify Common Bacterial

```
; TITLE OF INVENTION: Pathogens and Antibiotic Resistance Genes from Clinical
; TITLE OF INVENTION: Specimens for Routine Diagnosis in Micro
; FILE REFERENCE: 12287.31
; CURRENT APPLICATION NUMBER: US/10/121,120
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/452,599
; PRIOR FILING DATE: 1999-12-01
; PRIOR APPLICATION NUMBER: 08/304,732
; PRIOR FILING DATE: 1994-09-12
; NUMBER OF SEQ ID NOS: 177
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 136
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Klebsiella pneumoniae
US-10-121-120-136

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1633 AGCAGCGACGGCTGG 1648
Db 1 AGCTGGCAACGGCTGG 16

RESULT 1398
US-10-178-325-175
; Sequence 175, Application US/10178325
; Publication No. US20030199467A1
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowser, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/10/178,325
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US/09/387,341
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 09/156,424
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 09/156,979
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 09/156,807
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 09/161,015
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 175
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-178-325-175

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1392 CACCAAGCTGTTCAG 1407
Db 2 CACCATCCTGTTCAG 17

RESULT 1399
US-10-464-952-25
; Sequence 25, Application US/10464952
; Publication No. US20030207322A1
; GENERAL INFORMATION:
; APPLICANT: Ben-Bassat, Arie
```

```
; APPLICANT: Cattermole, Monica
; APPLICANT: Gatenby, Anthony A.
; APPLICANT: Gibson, Katherine J.
; APPLICANT: Ramos-Gonzalez, Isabel
; APPLICANT: Ramos, Juan
; APPLICANT: Sariaslani, Sima
; TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of
; TITLE OF INVENTION: Pseudomonas and Agrobacterium
; FILE REFERENCE: BC1018 US NA
; CURRENT APPLICATION NUMBER: US/10/464,952
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: US/09/585,174
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; FEATURE:
; OTHER INFORMATION: primer used for sequencing pcu
US-10-464-952-25

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1131 CACGGACTACTCCACT 1146
Db 2 CTCGGACTACACCACT 17

RESULT 1400
US-10-297-068-3/c
; Sequence 3, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-3

Query Match          0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1270 GAGGAGACGTGGCCAG 1285
Db 16 GAGGCGACGTGGTCAG 1

RESULT 1401
US-10-297-068-800
; Sequence 800, Application US/10297068
```

Publication No. US20030228585A1

GENERAL INFORMATION:
APPLICANT: INOKO, Hidetoshi
APPLICANT: KAGIYA, Taeko
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P1174
CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 800
LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: capture

US-10-297-068-800

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 GTGCTGCTCTCTGGGA 287

Db 2 GTGCGGCTCTGGGA 17

RESULT 1402

US-10-388-263-301/c

Sequence 301, Application US/10388263

Publication No. US20030228597A1

GENERAL INFORMATION:

APPLICANT: Cowsett, Lex M.

APPLICANT: Baker, Brenda F.

APPLICANT: McNeil, John

APPLICANT: Freier, Susan M.

APPLICANT: Sasmor, Henri M.

APPLICANT: Brooks, Douglas G.

APPLICANT: Ohashi, Cara

APPLICANT: Wyatt, Jacqueline R.

APPLICANT: Borchers, Alexander

APPLICANT: Vickers, Timothy A.

TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR

TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND

TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION

FILE REFERENCE: ISIS-4503

CURRENT APPLICATION NUMBER: US/10/388,263

CURRENT FILING DATE: 2003-03-12

NUMBER OF SEQ ID NOS: 947

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 301

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-388-263-301

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1238 ACTCATCTTCCGAT 1253

Db 16 ACATCATCTTCCGAT 1

RESULT 1403

US-10-108-260A-5026

Sequence 5026, Application US/10108260A

Publication No. US20040005560A1

GENERAL INFORMATION:

APPLICANT: HELIX RESEARCH INSTITUTE

TITLE OF INVENTION: No. US20040005560A1el full length cDNA

FILE REFERENCE: HI-A0106

CURRENT APPLICATION NUMBER: US/10/108,260A

CURRENT FILING DATE: 2002-03-27

NUMBER OF SEQ ID NOS: 5458

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 5026

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p:

US-10-108-260A-5026

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 AACCTGACCTCAATA 535

Db 1 AACCTGAACCCCAATA 16

RESULT 1404

US-10-108-260A-5151

Sequence 5151, Application US/10108260A

Publication No. US20040005560A1

GENERAL INFORMATION:

APPLICANT: HELIX RESEARCH INSTITUTE

TITLE OF INVENTION: No. US20040005560A1el full length cDNA

FILE REFERENCE: HI-A0106

CURRENT APPLICATION NUMBER: US/10/108,260A

CURRENT FILING DATE: 2002-03-27

NUMBER OF SEQ ID NOS: 5458

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 5151

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized p:

US-10-108-260A-5151

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 458 AGGACATCAACAGCG 473

Db 1 AGGACAGCACACAGAG 16

RESULT 1405

US-10-349-143-5796/c

Sequence 5796, Application US/10349143

Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET 020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT FILING DATE: 2003-01-21

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: 1999-10-20

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

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; FILE REFERENCE: ISPH-0749
; CURRENT APPLICATION NUMBER: US/10/464,158
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: 09/857,278
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/13624
; PRIOR FILING DATE: 1999-06-16
; PRIOR APPLICATION NUMBER: 09/205,204
; PRIOR FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-464-158-15

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1054 AAGTCAATCCACAA 1069
Db 1 AAGTCAATCCACAA 16

RESULT 1408
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. US2002006826A1
; GENERAL INFORMATION:
; APPLICANT: Kley, Patrick W.
; Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-814-986-39
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; FILE REFERENCE: ISPH-0749
; CURRENT APPLICATION NUMBER: US/10/464,158
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: 09/857,278
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/13624
; PRIOR FILING DATE: 1999-06-16
; PRIOR APPLICATION NUMBER: 09/205,204
; PRIOR FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-464-158-15

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1054 AAGTCAATCCACAA 1069
Db 1 AAGTCAATCCACAA 16

RESULT 1408
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. US2002006826A1
; GENERAL INFORMATION:
; APPLICANT: Kley, Patrick W.
; Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-814-986-39
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; FILE REFERENCE: ISPH-0749
; CURRENT APPLICATION NUMBER: US/10/464,158
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: 09/857,278
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/13624
; PRIOR FILING DATE: 1999-06-16
; PRIOR APPLICATION NUMBER: 09/205,204
; PRIOR FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-464-158-15

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1054 AAGTCAATCCACAA 1069
Db 1 AAGTCAATCCACAA 16

RESULT 1408
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. US2002006826A1
; GENERAL INFORMATION:
; APPLICANT: Kley, Patrick W.
; Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-814-986-39
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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/850,351A
;   FILING DATE: 07-May-2001
;   CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 09/073,898
;   FILING DATE: 06-MAY-1998
;   APPLICATION NUMBER: US 08/960,780
;   FILING DATE: 30-OCT-1997
;   APPLICATION NUMBER: US 60/029,848
;   FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
;   NAME: Sanders, Jay M.
;   REGISTRATION NUMBER: 39,355
;   REFERENCE/DOCKET NUMBER: MA-708CD1
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 352-375-8100
;   TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 122:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 19 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   MOLECULE TYPE: DNA (genomic)
;   SEQUENCE DESCRIPTION: SEQ ID NO: 122:
US-09-850-351A-122

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1519 AAGGAGATTCAGCTAC 1534
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Db 18 AAGGAGACTCAGGTAC 3

RESULT 1412
US-09-954-225-3
; Sequence 3, Application US/09954225
; Patent No. US20020102584A1
; GENERAL INFORMATION:
; APPLICANT: HESTER, JEFFREY D.
; APPLICANT: LINDQUIST, ALAN
; APPLICANT: SCHAEFER, FRANK W.
; TITLE OF INVENTION: IN-SITU HYBRIDIZATION PROBES FOR THE DETECTION OF
; FILE REFERENCE: EPA-C132
; CURRENT APPLICATION NUMBER: US/09/954,225
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 60/234,241
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Species
; OTHER INFORMATION: specific probe for Encephalitozoon intestinalis
US-09-954-225-3

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1726 GTTCACCTGCCCACTT 1741
    ||||| ||||| |||||
Db 1 GTTCTCTGCGCGCTT 16

RESULT 1413
US-09-954-225-11/c
; Sequence 11, Application US/09954225
; Patent No. US20020102584A1
; GENERAL INFORMATION:
; APPLICANT: HESTER, JEFFREY D.
; APPLICANT: LINDQUIST, ALAN
; APPLICANT: SCHAEFER, FRANK W.
; TITLE OF INVENTION: IN-SITU HYBRIDIZATION PROBES FOR THE DETECTION OF
; FILE REFERENCE: EPA-C132
; CURRENT APPLICATION NUMBER: US/09/954,225
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 60/234,241
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Species
; OTHER INFORMATION: specific probe for Encephalitozoon intestinalis
US-09-954-225-11

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1726 GTTCACCTGCCCACTT 1741
    ||||| ||||| |||||
Db 19 GTTCTCTGCGCGCTT 4

RESULT 1414
US-09-901-484A-533
; Sequence 533, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 533
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-56-159.mis2
US-09-901-484A-533

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1726 GTTCACCTGCCCACTT 1741
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Db 1 GTTCTCTGCGCGCTT 16
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QY 713 GACTGGAACATGAAGA 728
Db 3 GACTGTAAACATGGAGA 18
RESULT 1415
US-09-843-676-95/c
Sequence 95, Application US/09843676
Patent No. US20020164786A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Blumenfeld, Daniel
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPICP
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 09/218,207
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 533
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-56-159.mis2
US-09-853-526-533
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 713 GACTGGAACATGAAGA 728
Db 3 GACTGTAAACATGGAGA 18
RESULT 1417
US-09-766-253-95/c
Sequence 95, Application US/09766253
Publication No. US20020187471A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. US20020187471A1a1el Telomerase
NUMBER OF SEQUENCES: 171
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25
QY 271 CGTGCTGCTCTCTGGG 286
Db 19 CGTGCCACTCTCTGGG 4
RESULT 1416
US-09-843-676-95
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 271 CGTGCTGCTCTCTGGG 286
Db 19 CGTGCCACTCTCTGGG 4
RESULT 1416
US-09-853-526-533
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 271 CGTGCTGCTCTCTGGG 286
Db 19 CGTGCCACTCTCTGGG 4
RESULT 1416
US-09-853-526-533

Sequence 533, Application US/09853526
Patent No. US20020165345A1
GENERAL INFORMATION:
APPLICANT: Cech, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPICP
CURRENT APPLICATION NUMBER: US/09/853,526
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: 09/338,907
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 08/996,306
PRIOR FILING DATE: 1997-12-22
PRIOR APPLICATION NUMBER: 60/099,658
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 09/218,207
PRIOR FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 533
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..19
OTHER INFORMATION: potential microsequencing oligo for 4-56-159.mis2
US-09-853-526-533
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 713 GACTGGAACATGAAGA 728
Db 3 GACTGTAAACATGGAGA 18
RESULT 1417
US-09-766-253-95/c
Sequence 95, Application US/09766253
Publication No. US20020187471A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. US20020187471A1el Telomerase
NUMBER OF SEQUENCES: 171
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25

APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002920US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-09-766-253-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTCTGCTCTGGGG 286
|||||
Db 19 CGTGCCACTCTGGGG 4

RESULT 1418
US-09-438-486-95/c
Sequence 95, Application US/09438486
Publication No. US20030009019A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: No US20030009019A1 Telomerase
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/438,486
FILING DATE: 12-NOV-1999
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996

CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002931US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-438-486-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTCTGCTCTGGGG 286
|||||
Db 19 CGTGCCACTCTGGGG 4

RESULT 1419
US-09-972-469-146/c
Sequence 146, Application US/09972469
Publication No. US20030073085A1
GENERAL INFORMATION:
APPLICANT: Lai, Fang
APPLICANT: Zhou, Daixing
TITLE OF INVENTION: AMPLIFYING EXPRESSED SEQUENCES FROM GENOMIC DNA OF HIGHER-ORDER
FILE REFERENCE: SP01-290
CURRENT APPLICATION NUMBER: US/09/972,469
CURRENT FILING DATE: 2001-10-05
NUMBER OF SEQ ID NOS: 196
SOFTWARE: PatentIn version 3.1
SEQ ID NO 146
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-972-469-146

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1163 GTGTGGGCTGCATCTT 1178
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Db 19 GTGTGGGCTGCTTCTT 4

RESULT 1420
US-09-825-155-9/c
Sequence 9, Application US/09825155
Publication No. US20030100032A1
GENERAL INFORMATION:
APPLICANT: Altaba, Ariel Ruiz
TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
OF SPORADIC BASAL CELL CARCINOMA
FILE REFERENCE: 1049-1-008N
CURRENT APPLICATION NUMBER: US/09/825,155
CURRENT FILING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: 09/102,491
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: 60/050,286
PRIOR FILING DATE: 1997-06-20
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn ver. 2.0
SEQ ID NO 9

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; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-825-155-9

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 480 ACTACCAGCTGACATC 495
Db 17 ACTAGCAGCAGACATC 2

RESULT 1421
US-10-448-525-29/c
; Sequence 29, Application US/10448525
; Publication No. US20040072210A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; COHEN, MAURICE
; COLPITTS, TRACEY L.
; FRIEDMAN, PAULA N.
; GORDON, JULIAN
; GRANADOS, EDWARD N.
; HODGES, STEVEN C.
; KLASS, MICHAEL R.
; KRATOCHVIL, JON D.
; RUSSELL, JOHN C.
;
; TITLE OF INVENTION: METHODS AND REAGENTS USEFUL
; FOR DETECTING DISEASES OF THE BREAST
;
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/448,525
; FILING DATE: 30-May-2003
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/110,720
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/889,127
; FILING DATE: 07-JUL-1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6130.US.P1
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX: <Unknown>
;
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-448-525-29

Query Match          0.7%; Score 12.8; DB 1; Length 19;
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Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGT 241
Db 18 GTGAGTGGTGGTGGT 3

RESULT 1422
US-10-453-792-55
; Sequence 55, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
;
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
;
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
;
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 55:
US-10-453-792-55

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 TCAATCCCAACAAGA 1072
Db 2 TCAACCCCAACAAGA 17

RESULT 1423
US-10-343-339-1
; Sequence 1, Application US/10343339
; Publication No. US20040040048A1
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; GENERAL INFORMATION:
; APPLICANT: Shears, Stephen
; APPLICANT: Reynolds, Paul
; APPLICANT: Pettite, James
; TITLE OF INVENTION: USE OF A TRANSGENE ENCODING A VERTERATE PHYTASE TO INCREASE
; TITLE OF INVENTION: CAPACITY TO UTILIZE PHYTIC ACID IN LIVESTOCK FEED
; FILE REFERENCE: 5051.622
; CURRENT APPLICATION NUMBER: US/10/343.339
; CURRENT FILING DATE: 2003-07-03
; PRIOR APPLICATION NUMBER: US 60/224,496
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: PCT/US01/25339
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; US-10-343-339-1

Query Match          0.7%  Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      867 GCAGTACCTGGATGAC 882
Db      3  GGAGTACCTGAATGAC 18

RESULT 1424
US-10-325-810-387/c
; Sequence 387, Application US/10325810
; Publication No. US20030204069A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
;               Lingner, Joachim
;               Nakamura, Toru
;               Chapman, Karen B.
;               Morin, Gregg B.
;               Harley, Calvin B.
;               Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/325,810
; FILING DATE: 20-Dec-2002
; CLASSIFICATION: <Unknown>
; PRIORITY INFORMATION DATA:
; APPLICATION NUMBER: US/09/402,181
; FILING DATE: 29-Sep-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
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; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 387:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..19
; OTHER INFORMATION: /note= "TCP1.9 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 387:
US-10-325-810-387

Query Match          0.7%  Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      271 CGTGCTGCTCTCTGGGG 286
Db      19  CGTGCCACTCTCTGGGG 4

RESULT 1425
US-10-053-758-95/c
; Sequence 95, Application US/10053758
; Publication No. US20030032075A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
;               Lingner, Joachim
;               Nakamura, Toru
;               Chapman, Karen B.
;               Morin, Gregg B.
;               Harley, Calvin
;               Andrews, William H.
; TITLE OF INVENTION: No. US20030032075A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/053,758
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
```

APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-10-053-758-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTGCTCTCTGGG 286
||||| |||||
Db 19 CGTGCCACTCTCTGGG 4

RESULT 1426
US-10-054-295-95/c
Sequence 95, Application US/10054295
Publication No. US20030044953A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030044953A1el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,295
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:

ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-10-054-295-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTGCTCTCTGGG 286
||||| |||||
Db 19 CGTGCCACTCTCTGGG 4

RESULT 1427
US-10-054-611-95/c
Sequence 95, Application US/10054611
Publication No. US20030059787A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030059787A1el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,611
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 95:

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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-10-054-611-95

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTCTCTCTGGG 286
Db 19 CGTGCCACTCTGGG 4

RESULT 1428
US-10-044-692-154/c
; Sequence 154, Application US/10044692
; Publication No. US2003009634A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
; THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,692
; FILING DATE: 11-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/912,951
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

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;
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 154:
US-10-044-692-154

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTCTCTCTGGG 286
Db 19 CGTGCCACTCTGGG 4

RESULT 1429
US-10-044-539-154/c
; Sequence 154, Application US/10044539
; Publication No. US20030100093A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
; THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,539
; FILING DATE: 11-Jan-2002
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/912,951
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 154:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

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SEQUENCE DESCRIPTION: SEQ ID NO: 154:
US-10-044-539-154

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTGCTCCTGGGG 286
DB 19 CGTGCACCTCTGGGG 4

RESULT 1430

US-10-314-405-17/c
; Sequence 17, Application US/10314405
; Publication No. US20030108940A1
; GENERAL INFORMATION:
; APPLICANT: Hidetoshi, Inoko
; APPLICANT: Gen, Tamiya
; APPLICANT: Yasunari, Matsuzaka
; TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MEC CLASS I
; FILE REFERENCE: 06501-069001
; CURRENT APPLICATION NUMBER: US/10/314,405
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US/09/713,616
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: artificially synthesized primer sequence
US-10-314-405-17

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1443 CATGAACATCCATTC 1458
DB 16 CATGCAGCATCCATTC 1

RESULT 1431

US-10-005-956-1146/c
; Sequence 1146, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1146
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-1146

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 325 GAGATTGTGCACGAGG 340
DB 18 GAGAGTGTGCACGAGG 3

RESULT 1432

US-10-226-992-5
; Sequence 5, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Fosnaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using s
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-226-992-5

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1379 GGGCCGACCTCCTCAC 1394
DB 1 GGGCCGAGCUCUUCAC 16

RESULT 1433

US-10-226-992-51
; Sequence 51, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Fosnaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using s
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 51
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-226-992-51

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGATTGTGCACGAGGA 341

Db 4 AGAUGGUCCACGAGGA 19
||||: |: |||||

RESULT 1434
US-10-226-992-60
; Sequence 60, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; APPLICANT: Fossnaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using si
; TITLE OF INVENTION: RNA
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-226-992-60

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 319 GCACGAGAGTTGTGC 334
||||||| : : : : :
Db 1 GCACGAGGACUGGUC 16

RESULT 1435
US-10-226-992-88/c
; Sequence 88, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; APPLICANT: Fossnaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using si
; TITLE OF INVENTION: RNA
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 88
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-226-992-88

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1379 GGGCGGAGCTCTCTAC 1394
||||||| : : : : :
Db 19 GGGCGGAGCTCTCTAC 4

RESULT 1436
US-10-226-992-134/c
; Sequence 134, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; APPLICANT: Fossnaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using si
; TITLE OF INVENTION: RNA
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 134
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-226-992-134

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 326 AGATTGTGCACGAGGA 341
||||||| : : : : :
Db 16 AGATGTTCCACGAGGA 1

RESULT 1437
US-10-226-992-143/c
; Sequence 143, Application US/10226992
; Publication No. US20030148507A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; APPLICANT: Fossnaugh, Kathy
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Prostaglandin D2 Receptor
; TITLE OF INVENTION: and Prostaglandin D2 Synthetase (PTGDS) Gene Expression Using si
; TITLE OF INVENTION: RNA
; FILE REFERENCE: 400/055 (MBHB01-1110-B)
; CURRENT APPLICATION NUMBER: US/10/226,992
; CURRENT FILING DATE: 2003-02-24
; PRIOR FILING DATE: 2001-08-21
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 143
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-226-992-143

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 319 GCACGAGAGTTGTGC 334
||||||| : : : : :
Db 19 GCACGAGGAGCTGTGC 4

RESULT 1438
US-10-251-117-97


```
; Sequence 97, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR FILING DATE: 2002-06-06
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 97
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-97

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 68.8%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      1120 CTGCTGGGTCCACGG 1135
      |||:|||||
Db      3   CUGUGGGGUCACGG 18

RESULT 1439
US-10-251-117-346/c
; Sequence 346, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR FILING DATE: 2002-06-06
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 346
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-346

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
```

```
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1120 CTGCTGGGTCCACGG 1135
      |||:|||||
Db      17 CTGCTGGGTCCACGG 2

RESULT 1440
US-10-251-117-589
; Sequence 589, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR FILING DATE: 2002-06-06
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 589
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-589

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy      1290 CTTGTCCACGAGGAG 1305
      |||:|||||
Db      1   CCUGGCAACGUGGAG 16

RESULT 1441
US-10-251-117-896/c
; Sequence 896, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR FILING DATE: 2002-06-06
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 896
```

```
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-896

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1290 CCTGTCCACGAGGAG 1305
Db 19 CCTGTCCACGAGGAG 4

RESULT 1442
US-10-397-933-7
; Sequence 7, Application US/10197933
; Publication No. US20030186918A1
; GENERAL INFORMATION:
; APPLICANT: Chaum, Edward
; TITLE OF INVENTION: Increasing Growth Factor Production By Cells
; FILE REFERENCE: 6704-21
; CURRENT APPLICATION NUMBER: US/10/397,933
; CURRENT FILING DATE: 2003-03-26
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-397-933-7

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1562 CGATGCCCTGACTCAGG 1577
Db 4 CGATGCCCTGCTGAGG 19

RESULT 1443
US-10-244-647-370
; Sequence 370, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 370
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
```

```
US-10-244-647-370

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 62.5%; Pred. No. 7.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1488 ACTTCCTGACACTACT 1503
Db 1 ACUUCGCGAAACUACU 16

RESULT 1444
US-10-244-647-380
; Sequence 380, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 380
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-380

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 62.5%; Pred. No. 7.2e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1488 ACTTCCTGACACTACT 1503
Db 2 ACUUCGCGAAACUACU 17

RESULT 1445
US-10-244-647-1016/c
; Sequence 1016, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
```

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; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1016
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1016

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1488 ACTTCTGACACTACT 1503
    ||||| |||||
Db 19 ACTTCCGAAACTACT 4

RESULT 1446
US-10-244-647-1026/c
; Sequence 1026, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1026
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1026

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1488 ACTTCTGACACTACT 1503
    ||||| |||||
Db 18 ACTTCCGAAACTACT 3

RESULT 1447
US-10-349-143-4919
; Sequence 4919, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
```

```
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4919
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-18669 for SEQ 985,
US-10-349-143-4919

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1292 TGTCCAACGAGGAGTT 1307
    ||||| |||||
Db 2 TGTCAATCGAGGAGTT 17

RESULT 1448
US-10-349-143-7743/c
; Sequence 7743, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7743
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-21725 for SEQ 3809,
US-10-349-143-7743

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 154 CTGTCAATGACACTCC 169
    ||||| |||||
Db 19 CTGTCACTGACACTGC 4

RESULT 1449
US-10-444-925-267
; Sequence 267, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 267
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-267

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 81.2%; Pred. No. 7.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      727 GAGGGGACCCCTGCA 742
Db      4 GAGGUGUACCCUGCA 19
      ||||| ||||| |||||
RESULT 1450
US-10-206-705-16
; Sequence 16, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-206-705-16

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 68.8%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      365 AGAGTGACGAGCCTTC 380
Db      1 AGAGUGGCCAGCUUC 16
      ||||| ||||| |||||
RESULT 1451
US-10-206-705-146/c
; Sequence 146, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphat
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 146
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-201

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      751 CGGGAAGTGTCCCTGC 766
Db      16 CGGGGGGTGCCCCGC 1
      ||||| ||||| |||||
RESULT 1452
US-10-206-705-168
; Sequence 168, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosph
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 168
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-206-705-168

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 81.2%; Pred. No. 7.2e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      727 GAGGGGACCCCTGCA 742
Db      2 GAGGUGUACCCUGCA 17
      ||||| ||||| |||||
RESULT 1453
US-10-206-705-201/c
; Sequence 201, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosph
; FILE REFERENCE: 900/035 (MEHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 201
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-201

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      751 CGGGAAGTGTCCCTGC 766
Db      16 CGGGGGGTGCCCCGC 1
      ||||| ||||| |||||
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QY 365 AGAGTCAACAGGCTTC 380
Db 19 AGAGTGGCAAGCTTC 4

RESULT 1454

US-10-206-705-331
; Sequence 331, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 331
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-331

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 68.8%; Pred. No. 7.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 751 CGGGAGAGTGTCCTGC 766
Db 4 CGGGGGGUGUCCUCC 19

RESULT 1455

US-10-206-705-353/c
; Sequence 353, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; TITLE OF INVENTION: (PTP-1B) Gene Expression using Short Interfering RNA
; FILE REFERENCE: 900/035 (MBHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 353
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-353

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 7.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 727 GAGGGGCGACCCCTGCA 742
Db 18 GAGGTGTCACCCCTGCA 3

RESULT 1456

US-09-972-607-59/c
; Sequence 59, Application US/09972607
; Publication No. US20030105037A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSIC
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/09/972,607
; CURRENT FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-972-607-59

Query Match 0.7%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 CCTGGAGAGCTGACC 528
Db 16 CCGGAGAGCTGGCC 1

RESULT 1457

US-10-628-841-59/c
; Sequence 59, Application US/10628841
; Publication No. US20040023918A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-GAMMA EXPRESSIC
; FILE REFERENCE: RTS-0191
; CURRENT APPLICATION NUMBER: US/10/628,841
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US/09/972,607
; PRIOR FILING DATE: 2001-10-06
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-628-841-59

Query Match 0.7%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 CCTGGAGAGCTGACC 528
Db 16 CCGGAGAGCTGGCC 1

RESULT 1458

US-10-291-230-3/c
; Sequence 3, Application US/10291230
; Publication No. US20030108919A1
; GENERAL INFORMATION:
; APPLICANT: Rufner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.A
; CURRENT APPLICATION NUMBER: US/10/291,230
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504

; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
; OTHER INFORMATION: varies.
US-10-291-230-3

Query Match 0.7%; Score 12.6; DB 1; Length 23;
Best Local Similarity 78.9%; Pred. No. 9.8e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1020 GCTCAAGCTGGCTGACTTT 1038
||| ||||| ||||| |||||
Db 23 GCTGAGCTTGGTGACTGT 5

RESULT 1459

US-10-291-249-3/c
; Sequence 3, Application US/10291249
; Publication No. US20030119041A1
; GENERAL INFORMATION:
; APPLICANT: Ruffner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.US.B
; CURRENT APPLICATION NUMBER: US/10/291,249
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US 09/647,344
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; PRIOR APPLICATION NUMBER: US 60/079,792
; PRIOR FILING DATE: 1998-03-28
; PRIOR APPLICATION NUMBER: US 60/107,504
; PRIOR FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
; OTHER INFORMATION: varies.
US-10-291-249-3

Query Match 0.7%; Score 12.6; DB 1; Length 23;
Best Local Similarity 78.9%; Pred. No. 9.8e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1020 GCTCAAGCTGGCTGACTTT 1038
||| ||||| ||||| |||||
Db 23 GCTGAGCTTGGTGACTGT 5

RESULT 1460

US-09-864-785-408
; Sequence 408, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)

; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-408

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 8.2e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 1398 GCTGTTGAGTTTGAGG 1414
||| ||||| ||||| |||||
Db 1 GCAGCUGCAGUUGAUG 17

RESULT 1461

US-09-866-108-9023
; Sequence 9023, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 9023
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

Qy 1261 ACCCAACTGAGGAGAC 1277
|||
Db 17 ACCCAAAAGAGGGGAC 1

; NUMBER OF SEQ ID NOS: 4096

; SEQ ID NO 4089
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-104-047-4089

Query Match 0.7%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 9.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1519 AAGGAGTTCAGTACA 1535
| | | | | | | | | | | | | | | | | | | | | |
Db 3 AAGGAGTTCAGTGACA 19

RESULT 1467
US-10-243-035-6/c
; Sequence 6, Application US/10243035
; Publication No. US20030049697A1
; GENERAL INFORMATION:
; APPLICANT: LAZDUNSKI, MICHEL
; APPLICANT: LESAGE, FLORIAN
; APPLICANT: MAINGRET, FRANCOIS
; TITLE OF INVENTION: NEW FAMILY OF MECHANORESENSITIVE HUMAN POTASSIUM CHANNELS
; TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE
; FILE REFERENCE: 1317-02
; CURRENT APPLICATION NUMBER: US/10/243,035
; CURRENT FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-6

Query Match 0.7%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 933 GCTCCGTGGCTGGCCT 949
| | | | | | | | | | | | | | | | | | | | | |
Db 18 GATCCCTGGCCGGCCT 2

RESULT 1468
US-10-243-035-9/c
; Sequence 9, Application US/10243035
; Publication No. US20030049697A1
; GENERAL INFORMATION:
; APPLICANT: LAZDUNSKI, MICHEL
; APPLICANT: LESAGE, FLORIAN
; APPLICANT: MAINGRET, FRANCOIS
; TITLE OF INVENTION: NEW FAMILY OF MECHANORESENSITIVE HUMAN POTASSIUM CHANNELS
; TITLE OF INVENTION: ACTIVATED BY POLYUNSATURATED FATTY ACIDS AND THEIR USE
; FILE REFERENCE: 1317-02
; CURRENT APPLICATION NUMBER: US/10/243,035
; CURRENT FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-9

Query Match 0.7%; Score 12.2; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 933 GCTCCGTGGCTGGCCT 949
| | | | | | | | | | | | | | | | | | | | | |
Db 18 GATCCCTGGCCGGCCT 2

RESULT 1469
US-09-771-933-163
; Sequence 163, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 163
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-771-933-163

Query Match 0.7%; Score 12; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 981 CCTCAAGCCCCA 992
| | | | | | | | | | | | | | | | | | | | | |
Db 5 CCTCAAGCCCCA 16

RESULT 1470
US-10-211-908-39
; Sequence 39, Application US/10211908
; Publication No. US20040023384A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 12 EXPRESSION
; FILE REFERENCE: RTS-0420
; CURRENT APPLICATION NUMBER: US/10/211,908
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 121
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-908-39

Query Match 0.7%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1565 TGCCTGACTCAGGCAGCCA 1584
| | | | | | | | | | | | | | | | | | | | | |
Db 1 TGACTGAAGCAGGTAGCAA 20

RESULT 1471
US-10-032-585-4081/c
; Sequence 4081, Application US/10032585

[illegible]

```

; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; INVENTOR: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO. 4081
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
; US-10-032-585-4081

Query Match      0.7%; Score 12; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY   36 GTAGCGAGGACGACGACGAG 55
     |||||
DB   20 GTACGCTGGAGCAGCAGCAG 1

RESULT 1472
US-09-764-413-10
; Sequence 10, Application US/09764413
; Publication No. US20020187930A1
; GENERAL INFORMATION:
; APPLICANT: Wells, Timothy N.C.
; Power, Christine A.
; TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO MCP-1, MIP-1 ALPHA AND/OR RANTES. ITS USES
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 No. US20020187930Alth Glebe Rd. 8th floor
; CITY: Arlington
; STATE: VA
; COUNTRY: USA
; ZIP: 22201-4741
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/764,413
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/875,573
; FILING DATE: <Unknown>
; APPLICATION NUMBER: GB 9501683.8
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mary J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1430-172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-816-4000
; TELEFAX: 703-816-4100
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"

US-10-085-198-315/c
; Sequence 315, Application US/10085198
; Publication No. US2004000907A1

```

GENERAL INFORMATION:
 APPLICANT: Alsobrook et al.
 TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 FILE REFERENCE: 21402-279
 CURRENT APPLICATION NUMBER: US/10/085,198
 CURRENT FILING DATE: 2002-02-25
 PRIOR APPLICATION NUMBER: 60/271,646
 PRIOR FILING DATE: 2001-02-26
 PRIOR APPLICATION NUMBER: 60/276,401
 PRIOR FILING DATE: 2001-03-16
 PRIOR APPLICATION NUMBER: 60/311,981
 PRIOR FILING DATE: 2001-08-13
 PRIOR APPLICATION NUMBER: 60/312,858
 PRIOR FILING DATE: 2001-08-16
 PRIOR APPLICATION NUMBER: 60/271,840
 PRIOR FILING DATE: 2001-02-27
 PRIOR APPLICATION NUMBER: 60/277,324
 PRIOR FILING DATE: 2001-03-20
 PRIOR APPLICATION NUMBER: 60/286,096
 PRIOR FILING DATE: 2001-04-21
 PRIOR APPLICATION NUMBER: 60/299,695
 PRIOR FILING DATE: 2001-06-20
 PRIOR APPLICATION NUMBER: 60/315,614
 PRIOR FILING DATE: 2001-08-29
 PRIOR APPLICATION NUMBER: 60/272,405
 PRIOR FILING DATE: 2001-02-28
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 653
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO 315
 LENGTH: 22
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence:
 OTHER INFORMATION: oligonucleotide primer
 US-10-085-198-315

Query Match 0.7%; Score 12; DB 1; Length 22;
 Best Local Similarity 75.0%; Pred. NO. 1.2e+03;
 Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 919 TTCCTGTTCCAGCTGCTCCG 938
 Db 21 TTCCTTTGTAGCTGTTTCG 2

RESULT 1475
 US-10-060-998-1238/c
 Sequence 1238, Application US/10060998
 Publication No. US20030104530A1
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
 FILE REFERENCE: PB01108
 CURRENT APPLICATION NUMBER: US/10/060,998
 CURRENT FILING DATE: 2002-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/343,331
 PRIOR FILING DATE: 2001-12-21
 NUMBER OF SEQ ID NOS: 3056
 SOFTWARE: Acomica Sequence Listing Engine
 SEQ ID NO 1238
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-060-998-1238

Query Match 0.7%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. NO. 9.7e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 715 CTGGAACATCAAGAG 729
 Db 16 CTGGAACGTGAACAG 2
 Search completed: May 3, 2004, 10:51:40
 Job time : 33 secs

ID AAV48027 standard; DNA; 20 BP.
 XX AC AAV48027;
 XX DT 19-OCT-1998 (first entry)
 XX DE Murine B7-1 targetted oligonucleotide 14912.
 XX KW ss; mouse; B7; T cell; inflammation; autoimmune disease; cell activation;
 XX KW cell proliferation.
 XX OS Synthetic.
 XX OS Homo sapiens.
 XX FH Key Location/Qualifiers
 FT modified_base 1..20
 FT /*tag= a
 FT /note= "Phosphorothioate linkages"
 XX WO9829124-A1.
 XX PN 09-JUL-1998.
 XX PD 16-DEC-1997; 97WO-US023270.
 XX PF 31-DEC-1996; 96US-00777266.
 XX PR (ISIS-) ISIS PHARM INC.
 XX PA Bennett CF, Vickers TA;
 XX PI WPI; 1998-387783/33.
 XX DR New oligo:nucleotide(s) that modulate expression of B7 proteins - used
 XX PT for, e.g. controlling activation and proliferation of T cells,
 XX PT particularly for treatment, diagnosis and prevention of inflammation.
 XX PS Example 1; Page 36; 120pp; English.
 XX CC The oligonucleotides which specifically hybridise to B7 modulate its
 CC expression (and thus T cell activation and proliferation). This is
 CC particularly useful for treatment and prevention of inflammation and
 CC autoimmune diseases, e.g. asthma, (juvenile) diabetes, myasthenia gravis,
 CC Grave's disease, rheumatoid arthritis, allograft rejection, psoriasis,
 CC (systemic) lupus erythematosus, multiple sclerosis, contact dermatitis,
 CC rhinitis, allergy, cancer and metastases. The oligonucleotides may also
 CC be used to manipulate T cell activation ex vivo; to determine or detect
 CC B7 protein expression; for diagnosis; as assay and purification reagents,
 CC and to study physiological roles of B7 proteins
 XX SQ Sequence 20 BP; 4 A; 6 C; 7 G; 3 T; 0 U; 0 Other;
 Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 595 GCGCTTTGGGAAC 607
 DB 1 GCGCTTTGGGAAC 13
 RESULT 2130
 AAV53590/c
 ID AAV53590 standard; DNA; 20 BP.
 XX AC AAV53590;
 XX AC 25-MAR-2003 (revised)
 XX DT 20-NOV-1998 (first entry)
 XX DE Nucleotide sequence of a phosphorothioate oligonucleotide 15.
 XX KW Phosphorothioate oligonucleotide; antisense; inhibition; cancer;

KW multidrug resistance; multidrug resistant protein; MRP; chemotherapy; human;
 KW leukotriene; inflammatory condition; ss.
 XX Synthetic.
 XX OS Homo sapiens.
 XX FH Key Location/Qualifiers
 FT modified_base 1..20
 FT /*tag= a
 FT /note= "phosphorothioate backbone"
 XX US5801154-A.
 XX PN 01-SEP-1998.
 XX PD 08-APR-1997; 97US-00835770.
 XX PF 18-OCT-1993; 93US-00136811.
 XX PR 16-APR-1996; 96US-00628731.
 XX XX (ISIS-) ISIS PHARM INC.
 XX XX Bennett CF, Dean NM, Baracchini E;
 XX XX WPI; 1998-494825/42.
 XX DR Anti-sense oligo:nucleotide(s) inhibiting multi:drug resistance protein
 XX PT expression - useful for increasing the efficacy of drugs that certain
 XX PT conditions have become resistant to e.g. small cell lung cancer.
 XX PS Claim 18; Col 10; 29pp; English.
 XX CC This is the nucleotide sequence of the phosphorothioate oligonucleotide
 CC used in the method of the invention, involving the use of antisense
 CC oligonucleotides to inhibit multidrug resistance. The oligonucleotides
 CC are used for the antisense inhibition of multidrug resistant proteins (MRPs).
 CC These proteins are commonly found in some cancers which initially respond
 CC to chemotherapy, but overexpression of the protein leads to chemotherapy
 CC drug resistance. They are administered with the drugs to attempt to
 CC enhance efficacy of the drugs. MRPs are also expressed in other ailments,
 CC and as such, the oligonucleotides can be used to treat these conditions
 CC as well. The sequences are based on the human MRP and are used to treat
 CC conditions such as cancers, especially small-cell lung cancer, prevention
 CC of development of multidrug resistance during chemotherapy, and treatment
 CC of conditions characterised by leukotriene production, especially
 CC inflammatory conditions. (Updated on 25-MAR-2003 to correct PF field.)
 XX SQ Sequence 20 BP; 2 A; 5 C; 9 G; 4 T; 0 U; 0 Other;
 Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 741 CACCGCCATCCGG 753
 DB 14 CACCGCCATCCGG 2
 RESULT 2131
 AAV53942/c
 ID AAV53942 standard; DNA; 20 BP.
 XX AC AAV53942;
 XX XX 21-DEC-1998 (first entry)
 XX DE Nucleotide sequence of the mutagenic primer E465.
 XX KW Taq gene; thermostable; structure-specific nuclease; mutant;
 XX KW DNA polymerase; bacteria; fungi; protozoa; RNA virus; hepatitis C virus;
 XX KW HCV; ss.
 XX OS Synthetic.

Best Local Similarity 100.0%; Pred. No. 1.2e+03; Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	782 ACGCCACATCGT 794
Db	2 ACGCCACATCGT 14
RESULT 2134 AAZ00604/C ID AAZ00604 standard; DNA; 20 BP. XX AC AAZ00604; XX 06-OCT-1999 (first entry) XX DE Human GPC4 exon 7B deletion analysis primer B. XX KW Glypican; GPC1; GPC3; GPC4; GPC5; GPC6; human; glypican-related protein; KW glypican-6; glypican-4; glypican-1; glypican-3; glypican-5; diagnosis; KW treatment; abnormal; cell growth; cell behaviour; somatic overgrowth; KW tumour formation; primer; ss. XX OS Synthetic. OS Homo sapiens. XX EN WO9937764-A2. XX PD 29-JUL-1999. XX PF 20-JAN-1999; 99WO-EP000329. XX PR 27-JAN-1998; 98EP-00200226. XX PA (VLAA-) VLAAVS INTERUNIVERSITAIR INST BIOTECHNOG. XX PI Veugelers MPD, David GJF; XX DR WPI; 1999-469128/39. XX PT New polynucleotides encoding glypican-related proteins, used to diagnose, PT e.g. tumor formation. XX PS Example 2; Page 35; 79pp; English. XX CC This invention describes the isolation of novel human polynucleotides CC encoding glypican-related proteins, glypican-6 (GPC6) and glypican-4 CC (GPC4). The invention also describes the polynucleotide and encoded CC protein sequences of glypican-1 (GPC1), glypican-3 (GPC3) and glypican-5 CC (GPC5). The products of the invention can be used to diagnose and treat CC disorders and diseases, particularly those involving abnormal cell growth CC and behaviour, such as somatic overgrowth and tumour formation. AAZ00587- CC 200608 represent GPC4 deletion analysis primers used in the method of the CC invention XX SQ Sequence 20 BP; 1 A; 7 C; 2 G; 10 T; 0 U; 0 Other; Query Match 0.7%; Score 13; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1.2e+03; Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Qy 664 AAAGGCAAAAGCA 676 Db 13 AAAGGCAAAAGCA 1 RESULT 2135 AAZ00836/C ID AAZ00836 standard; DNA; 20 BP. XX AC AAZ00836; XX DT 09-AUG-1999 (first entry)	
CDK4 specific antisense oligo HYB102136. Cyclin-dependent kinase 4; CDK4; antisense; G1/S phase transition; cancerous cell; cyclin D1; P16; tumour growth; ss. Synthetic. WO9927087-A1. 03-JUN-1999. 21-NOV-1997; 97WO-US022234. 21-NOV-1997; 97WO-US022234. (HYBR-) HYBRIDON INC. Morrissey D, Von Hofe E; WPI; 1999-357832/30. Antisense oligonucleotide targeted to cyclin-dependent kinase 4 gene, useful for regulating G1 to S phase transition in a cell. Claim 3; Page 16; 60pp; English. Sequences AAX60831-864 represent synthetic oligonucleotides complementary to a cyclin-dependent kinase 4 (CDK4) nucleic acid. The antisense oligonucleotides are used to regulate G1/S phase transition, especially to inhibit growth of cancerous cells. The oligonucleotides can be administered in the form of a therapeutic composition to treat a mammal afflicted with a tumour associated with aberrant expression of CDK4, cyclin D1, or P16, to reduce tumour growth XX SQ Sequence 20 BP; 3 A; 6 C; 8 G; 3 T; 0 U; 0 Other; Query Match 0.7%; Score 13; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 1.2e+03; Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Qy 926 TCCAGCTGCTCCG 938 Db 20 TCCAGCTGCTCCG 8 RESULT 2136 AAZ10828 ID AAZ10828 standard; RNA; 20 BP. XX AC AAZ10828; XX DT 09-NOV-1999 (first entry) XX DE Oligonucleotide #1 complementary to DNA Metase RNA. XX KW DNA methyltransferase; Metase; gene expression modulation; KW therapeutic agent; benign; malignant; tumour; beta-thalassemia; KW sickle cell anaemia; ss. XX OS Synthetic. XX FN WO9940186-A1. XX PD 12-AUG-1999. XX PF 03-FEB-1999; 99WO-CA000092. XX PR 03-FEB-1998; 98US-00018034. XX PA (METH-) METHYLGENE INC. XX PI Macleod RA;	

XX DR WPI; 1999-494291/41.

XX PT New antisense oligonucleotide complementary to RNA/DNA encoding

PT methyltransferase, useful for inhibiting DNA methyltransferase expression

PT in transgenic plant/animal studies.

XX PS Claim 8; Fig 1; 36pp; English.

XX CC Oligonucleotides AAZ10828-Z10834 are complementary to the optimal target

CC DNA methyltransferase (Metase) RNA. These oligonucleotides have optimal

CC activity in inhibiting DNA Metase gene expression. The oligonucleotides

CC can be used for modulating the expression of the DNA Metase gene and

CC genes that are regulated by the DNA Metase, as potentiators of transgenic

CC plant and animal studies, and as potential therapeutic agents e.g. for

CC inhibiting benign and malignant tumour growth. They may also be used to

CC silence genes to provide a missing gene function and therefore

CC ameliorating disease symptoms e.g. beta-thalassaemia and sickle cell

CC anaemia

XX SQ Sequence 20 BP; 4 A; 5 C; 8 G; 0 T; 3 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 84.6%; Pred. No. 1.2e+03;

Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517

DB 8 GAGGGCUACCGG 20

RESULT 2137

AAZ10835/C

ID AAZ10835 standard; RNA; 20 BP.

XX AC AAZ10835;

XX DT 09-NOV-1999 (first entry)

XX DE Oligonucleotide #8 complementary to DNA Metase RNA.

XX KW DNA methyltransferase; Metase; gene expression modulation;

KW therapeutic agent; benign; malignant; tumour; beta-thalassaemia;

KW sickle cell anaemia; phosphorothioate; ss.

XX OS Synthetic.

XX FH Key Location/Qualifiers

FT modified_base 1..20

FT /*tag= a

FT /note= "Phosphorothioate internucleotide link"

XX WO9940186-A1.

XX PN 12-AUG-1999.

XX PD 03-FEB-1999; 99WO-CA000092.

XX PF 03-FEB-1999; 98US-00018034.

XX PR (METH-) METHYLGENE INC.

XX PA Macleod RA;

XX PI WPI; 1999-494291/41.

XX DR New antisense oligonucleotide complementary to RNA/DNA encoding

PT methyltransferase, useful for inhibiting DNA methyltransferase expression

PT in transgenic plant/animal studies.

XX PS Disclosure; Fig 2; 36pp; English.

XX CC Oligonucleotides AAZ10835-Z10840 are antisense oligonucleotides

CC complementary to DNA methyltransferase (Metase) RNA or double stranded

CC DNA. These oligonucleotides have phosphorothioate internucleotide links,

CC which increase their efficacy. The oligonucleotides can be used for

CC modulating the expression of the DNA Metase gene and genes that are

CC regulated by the DNA Metase, as potentiators of transgenic plant and

CC animal studies, and as potential therapeutic agents e.g. for inhibiting

CC benign and malignant tumour growth. They may also be used to silence

CC genes to provide a missing gene function and therefore ameliorating

CC disease symptoms e.g. beta-thalassaemia and sickle cell anaemia

XX SQ Sequence 20 BP; 3 A; 8 C; 5 G; 4 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517

DB 13 GAGGGCTACCTGG 1

RESULT 2138

AAZ10842/C

ID AAZ10842 standard; DNA; 20 BP.

XX AC AAZ10842;

XX DT 09-NOV-1999 (first entry)

XX DE Oligonucleotide #15 complementary to DNA Metase RNA or DNA.

XX KW DNA methyltransferase; Metase; gene expression modulation;

KW therapeutic agent; benign; malignant; tumour; beta-thalassaemia;

KW sickle cell anaemia; phosphorothioate; ss.

XX OS Synthetic.

XX FH Key Location/Qualifiers

FT modified_base 1..20

FT /*tag= c

FT /note= "Contains phosphorothioate internucleotide link"

FT misc_RNA 1..4

FT /*tag= a

FT /note= "2'-O-methyl-ribonucleosides"

FT misc_RNA 17..20

FT /*tag= b

FT /note= "2'-O-methyl-ribonucleosides"

XX WO9940186-A1.

XX PN 12-AUG-1999.

XX PD 03-FEB-1999; 99WO-CA000092.

XX PF 03-FEB-1999; 98US-00018034.

XX PR (METH-) METHYLGENE INC.

XX PA Macleod RA;

XX PI WPI; 1999-494291/41.

XX DR New antisense oligonucleotide complementary to RNA/DNA encoding

PT methyltransferase, useful for inhibiting DNA methyltransferase expression

PT in transgenic plant/animal studies.

XX PS Disclosure; Fig 2; 36pp; English.

XX CC Oligonucleotides AAZ10842-Z10847 are antisense oligonucleotides

CC complementary to DNA methyltransferase (Metase) RNA or double stranded

CC DNA. These are hybrid oligonucleotides with phosphorothioate

CC internucleotide links which increase their efficacy. These

CC oligonucleotides have four 2'-O-methyl ribonucleosides at each end and

CC deoxyribonucleosides in the middle. The oligonucleotides can be used for
 CC modulating the expression of the DNA Metase gene and genes that are
 CC regulated by the DNA Metase, as potentiators of transgenic plant and
 CC animal studies, and as potential therapeutic agents e.g. for inhibiting
 CC benign and malignant tumour growth. They may also be used to silence
 CC genes to provide a missing gene function and therefore ameliorating
 CC disease symptoms e.g. beta-thalassaemia and sickle cell anaemia
 XX Sequence 20 BP; 3 A; 8 C; 5 G; 3 T; 1 U; 0 Other;
 SQ

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACTCTGG 517
 DB 13 GAGGGCTACTCTGG 1

RESULT 2139
 AAX33451/c
 ID AAX33451 standard; DNA; 20 BP.
 XX
 AC AAX33451;
 XX
 DT 05-JUL-1999 (first entry)
 XX
 DE Oryza sativa L. pistil specific expressive gene PCR primer 312F-Fw.
 XX
 KW Oryza sativa; monocotyledon; pistil specific expressive gene; fertility;
 KW female; reproductive; sterile; pistil; rice; PCR primer; ss.
 XX
 OS Synthetic.
 OS Oryza sativa.
 XX
 PN JP11098986-A.
 XX
 PD 13-APR-1999.
 XX
 PF 29-SEP-1997; 97JP-00263017.
 XX
 PR 29-SEP-1997; 97JP-00263017.
 XX
 PA (NISR) JAPAN TOBACCO INC.
 XX
 DR WPI; 1999-295321/25.
 XX
 XX New pistil specific expressive gene - useful for improving female plant
 PT fertility.
 XX
 PS Example 1; Page 7; 14pp; Japanese.
 XX
 CC The present invention describes a pistil specific expressive gene derived
 CC from the monocotyledonous rice plant (Oryza sativa). The pistil specific
 CC protein is useful for improving the fertility of female reproductivity;
 CC female sterility; or modification of pistil. The present sequence
 CC represents a primer used in an example of the present invention
 XX
 SQ Sequence 20 BP; 5 A; 4 C; 5 G; 6 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1680 CAACTACATCTTC 1692
 DB 16 CAACTACATCTTC 4

RESULT 2140
 AAX93697/c
 ID AAX93697 standard; DNA; 20 BP.
 XX

AC AAX93697;
 XX
 DT 13-SEP-1999 (first entry)
 XX
 DE PCR primer used to amplify an ORF of Chlamydia pneumoniae.
 XX
 KW Respiratory disease; pneumonia; bronchitis; heart disease; sarcoidosis;
 KW sinusitis; purulent otitis media; erythema nodosum; pharyngitis; vaccine;
 KW neutralising epitope; PCR primer; ss.
 XX
 OS Synthetic.
 OS Chlamydia pneumoniae.
 XX
 PN WO9927105-A2.
 XX
 PD 03-JUN-1999.
 XX
 PF 20-NOV-1998; 98WO-IB001890.
 XX
 PR 21-NOV-1997; 97FR-00014673.
 PR 04-NOV-1998; 98US-0107078P.
 XX
 PA (GEST) GENSET.
 XX
 PI Griffais R;
 XX
 DR WPI; 1999-357842/30.
 XX
 PT Genome sequence of Chlamydia pneumoniae.
 XX
 PS Page 1612; Disclosure; 1912pp; English.
 XX
 CC AAX91991-X97517 represent PCR primers used to amplify open reading frames
 CC and other nucleic acid sequences from the genome of Chlamydia pneumoniae
 CC (see AAX91990). C. pneumoniae causes respiratory disease such as
 CC pneumonia and bronchitis and is thought to be a contributing factor in
 CC heart disease, sarcoidosis, sinusitis, purulent otitis media, erythema
 CC nodosum or pharyngitis. The polypeptides encoded by the open reading
 CC frames of the C. pneumoniae genome (see AAX34584-AAX35879) can be used
 CC in immunogenic compositions as vaccines. Vectors containing C. pneumoniae
 CC nucleotide sequences can also be used as immunogenic compositions,
 CC especially where the vector directs the expression of a neutralising
 CC epitope of C. pneumoniae
 XX
 SQ Sequence 20 BP; 4 A; 8 C; 2 G; 6 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
 DB 13 TGAGGAGACGTGG 1

RESULT 2141
 AAX93694/c
 ID AAX93694 standard; DNA; 20 BP.
 XX
 AC AAX93694;
 XX
 DT 13-SEP-1999 (first entry)
 XX
 DE PCR primer used to amplify an ORF of Chlamydia pneumoniae.
 XX
 KW Respiratory disease; pneumonia; bronchitis; heart disease; sarcoidosis;
 KW sinusitis; purulent otitis media; erythema nodosum; pharyngitis; vaccine;
 KW neutralising epitope; PCR primer; ss.
 XX
 OS Synthetic.
 OS Chlamydia pneumoniae.
 XX
 PN WO9927105-A2.

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XX PD 03-JUN-1999.
XX PF 20-NOV-1998; 98WO-IB001890.
XX PR 21-NOV-1997; 97FR-00014673.
XX PR 04-NOV-1998; 98US-0107078P.
XX PA (GEST ) GENSET.
XX PI Griffais R;
XX PR 1999-357842/30.
XX DR WPI; 1999-357842/30.
XX XX
XX XX Genome sequence of Chlamydia pneumoniae.
XX PT Page 1611; Disclosure; 1912pp; English.
XX PS
XX CC AAX01991-X97517 represent PCR primers used to amplify open reading frames
XX CC and other nucleic acid sequences from the genome of Chlamydia pneumoniae
XX CC (see AAX01990). C. pneumoniae causes respiratory disease such as
XX CC pneumonia and bronchitis and is thought to be a contributing factor in
XX CC heart disease, sarcoidosis, sinusitis, purulent otitis media, erythema
XX CC nodosum or pharyngitis. The polypeptides encoded by the open reading
XX CC frames of the C. pneumoniae genome (see AAX01990) can be used
XX CC in immunogenic compositions as vaccines. Vectors containing C. pneumoniae
XX CC nucleotide sequences can also be used as immunogenic compositions,
XX CC especially where the vector directs the expression of a neutralising
XX CC epitope of C. pneumoniae
XX CC
XX SQ Sequence 20 BP; 4 A; 8 C; 2 G; 6 T; 0 U; 0 Other;
XX
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 1269 TGAGGAGACCTGG 1281
DB 13 TGAGGAGACCTGG 1
XX
RESULT 2142
AAX01994/C
ID AAX01994 standard; DNA; 20 BP.
XX AC AAX01994;
XX DT 21-APR-1999 (first entry)
XX DE Adenovirus PSE PCR primer #25.
XX KW Prostate-specific antigen; enhanced promoter; PSE; cytotoxic; PCR primer;
XX KW adenoviral vector; tumour; cytotoxic; viral proliferation; transgene;
XX KW toxin; apoptosis initiator; ribozyme; cytokine; immune response; ss.
XX OS Synthetic.
XX OS Mastadenovirus.
XX XX
XX XX US5871726-A.
XX XX
XX PD 16-FEB-1999.
XX XX
XX PF 26-JUN-1996; 96US-00669753.
XX XX
XX PR 27-JUN-1995; 95US-00495034.
XX XX
XX PA (CALY-) CALYDON INC.
XX XX
XX PI Schuur ER, Henderson DR;
XX XX
XX DR WPI; 1999-166570/14.
XX XX
XX PT Adenoviral vectors containing essential gene under control of prostate-

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PT specific elements - used for specific killing of prostate cancer cells
PT that express prostate-specific antigen.
XX
XX Disclosure; Col 37-38; 25pp; English.
XX
XX AAX01984-X02007 are PCR primers used in a method resulting in the
XX CC construction of an Adenoviral vector which contains an adenoviral gene
XX CC (Adv) essential for propagation, under control of a prostate-specific
XX CC response element (PSE) that consists of an enhancer specific for prostate
XX CC -specific antigen (PSA) and a promoter. Introducing Adv into a tumour
XX CC cells that expresses PSA results in a cytotoxic effect (associated with
XX CC viral proliferation), leading to a suppression of tumour growth. Adv can
XX CC also be used to introduce a transgene into PSA-expressing cells, e.g. a
XX CC gene that expresses a toxin (e.g. diphtheria toxin, ricin etc.), an
XX CC initiator of apoptosis, an antisense or ribozyme sequence or a cytokine.
XX CC Replication of Adv is restricted to cells that express PSA so should
XX CC eliminate tumour cells without significant harm to normal cells. When Adv
XX CC expresses a toxin, this will be released locally, killing cells that have
XX CC not themselves been transfected by the virus. Also expression of
XX CC adenoviral proteins will activate the immune response against the target
XX CC cells
XX SQ Sequence 20 BP; 4 A; 4 C; 4 G; 8 T; 0 U; 0 Other;
XX
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 901 ATGCACAACTGA 913
DB 17 ATGCACAACTGA 5
XX
RESULT 2143
AAX019839/C
ID AAX019839 standard; DNA; 20 BP.
XX AC AAX019839;
XX DT 16-AUG-2000 (first entry)
XX DE Human TNFalpha antisense oligonucleotide ISIS# 21699.
XX KW Antisense oligonucleotide; phosphorothioate; TNFalpha; cytokine; inhibit;
XX KW tumour necrosis factor alpha; inflammatory bowel disease; diabetes;
XX KW rheumatoid arthritis; infectious disease; multiple sclerosis; hepatitis;
XX KW pancreatitis; atopic dermatitis; allograft rejection; autoimmune disease;
XX KW inflammatory disease; ss.
XX OS Synthetic.
XX XX
XX XX WO2000020645-A1.
XX XX
XX PD 13-APR-2000.
XX XX
XX PF 05-OCT-1999; 99WO-US023205.
XX XX
XX PR 05-OCT-1998; 98US-00166186.
XX PR 18-MAY-1999; 99US-00313932.
XX XX
XX PA (ISIS-) ISIS PHARM INC.
XX XX
XX PI Baker BF, Bennett CF, Butler MM, Shanahan WJ;
XX XX
XX DR WPI; 2000-303808/26.
XX XX
XX PT Oligonucleotide for treating diseases associated with human tumor
XX PT necrosis factor-alpha (TNF-alpha) such as, diabetes and rheumatoid
XX PT arthritis, comprises nucleotide sequence complementary to intron of
XX PT nucleic acid encoding TNF-alpha.
XX PS Claim 6; Page 57; 283pp; English.
XX

```


CC This sequence represents an antisense oligonucleotide sequence which
 CC targets a region of the human tumour necrosis factor alpha (TNFalpha)
 CC nucleotide sequence. TNFalpha is an important cytokine that plays a role
 CC in host defence. It is produced mainly in macrophages and monocytes in
 CC response to infection, invasion, injury or inflammation. Overexpression
 CC of TNFalpha can result in disease states, particularly in infectious,
 CC inflammatory and autoimmune diseases. The invention relates to antisense
 CC oligonucleotides, such as that represented by the present sequence which
 CC are capable of modulating the TNFalpha gene expression. The
 CC oligonucleotides optionally have a phosphorothioate backbone, and may
 CC also optionally contain at least one 2'-O-methoxyethyl modification. The
 CC oligonucleotides are useful for modulating the expression of human
 CC TNFalpha in cells and tissues, reducing a human cell inflammatory
 CC response, reducing the blood glucose level in a human and treating a
 CC human having a disease or condition associated with TNFalpha. Examples of
 CC diseases associated with TNFalpha include diabetes, inflammatory bowel
 CC disease, multiple sclerosis, pancreatitis, rheumatoid arthritis,
 CC infectious disease, hepatitis, atopic dermatitis or allograft rejection.
 CC The antisense oligonucleotides are also useful for modulating the
 CC function of a selected nucleic acid sequence in adipose tissue

XX SQ Sequence 20 BP; 1 A; 8 C; 5 G; 6 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 GTGAGGAGCAGC 1234
 |||||
 Db 20 GTGAGGAGCAGC 8

RESULT 2144
 AAA07645/c
 ID AAA07645 standard; DNA; 20 BP.
 XX AC AAA07645;
 XX 19-JUN-2000 (first entry)
 XX HERG gene exon 11/intron 11 junction sequence.
 DE HERG; mutation; long QT syndrome; LQT syndrome; gene therapy; human; ss.
 XX Homo sapiens.
 XX WO200006772-Al.
 XX 10-FEB-2000.
 XX 20-JUL-1999; 99WO-US016337.
 XX 27-JUL-1998; 98US-00122847.
 XX 06-JAN-1999; 99US-00226012.
 XX (UTAH) UNIV UTAH RES FOUND.
 XX Keating MT, Splawski I;
 XX WPI; 2000-195319/17.
 XX New isolated mutant HERG nucleic acids, useful for developing products
 XX for the diagnosis, prevention and treatment of long QT syndrome.
 XX Example 8; Page 71; 163pp; English.

CC The invention relates to a HERG protein having a mutation compared to
 CC wild-type HERG, and is useful for developing products for the diagnosis,
 CC prevention and treatment of long QT (LQT) syndrome. The products and
 CC methods can be used for the diagnosis of subjects with LQT syndrome. They
 CC can also be used to screen for drugs for treating or preventing LQT
 CC syndrome. The HERG nucleic acids can also be used for gene therapy and
 CC HERG peptides can be used for peptide therapy. Sequences AAA07624-653

CC represent intron/exon junction sequences of the HERG gene
 XX SQ Sequence 20 BP; 5 A; 3 C; 11 G; 1 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 828 CCTCACCCCTTGTC 840
 |||||
 Db 16 CCTCACCCCTTGTC 4

RESULT 2145
 AAA55768/c
 ID AAA55768 standard; DNA; 20 BP.

XX AC AAA55768;
 XX 01-SEP-2000 (first entry)
 XX Human DNA methyltransferase antisense oligonucleotide SEQ ID NO:11.
 XX Human; DNA methyltransferase; DNA Metase; antisense oligonucleotide;
 XX modulation; inhibition; gene expression; combination therapy; p16;
 XX histone deacetylase; HDAC; thymidylate synthase; tumour suppressor;
 XX methylation; gene therapy; tumour; cytostatic; antiasthmatic;
 XX antiinflammatory; inflammation; asthma; ss.
 XX Homo sapiens.
 XX WO200023112-Al.
 XX 27-APR-2000.
 XX 19-OCT-1999; 99WO-US024278.
 XX 19-OCT-1998; 98US-0104804P.
 XX (METH-) METHYLGENE INC.
 XX Besterman JM, Macleod AR, Siders WM;
 XX WPI; 2000-339532/29.

XX Inhibiting gene expression e.g. DNA methyltransferase, by treating cells
 XX with a synergistic amount of antisense oligonucleotide and protein
 XX effectors e.g. 5-aza-cytidine of gene products, useful for gene therapy
 XX of e.g. tumors.
 XX Disclosure; Page 25; 99pp; English.

CC The present invention describes a method for inhibiting the expression of
 CC a gene in a cell comprising contacting the cell with an effective
 CC synergistic amount of an antisense oligonucleotide which inhibits
 CC expression of the gene, and an effective synergistic amount of a protein
 CC effector of a product of the gene. Also described are: (1) a method for
 CC treating a disease responsive to inhibition of a gene in a mammal; (2) a
 CC method for inhibiting tumour growth in mammal; (3) an inhibitor of a gene
 CC comprising an antisense oligonucleotide which inhibits expression of the
 CC gene in operable association with a protein effector of a gene product;
 CC and (4) a pharmaceutical composition comprising the inhibitor of (3). The
 CC methods and compositions are useful as analytical tools for transgenic
 CC studies and as therapeutic tools, e.g. as gene therapy tools for human
 CC diseases including benign and malignant tumours, inflammation or asthma.
 CC The methods, inhibitors and compositions of the invention that inhibit
 CC expression or activity of a gene or gene product may be used to treat
 CC patients having, or predisposed to developing, a disease responsive to
 CC inhibition of the gene. These may also be used to activate silenced genes
 CC to provide missing gene functions and improve a given condition.
 CC Furthermore, the methods and compositions are useful as probes of the
 CC physiological function of a gene product in an experimental cell culture
 CC or animal system; and to evaluate the effect of inhibiting gene activity

CC or expression. AAA55758 to AAA55842 represent oligonucleotide sequences
CC which are used in the exemplification of the present invention
XX
SQ Sequence 20 BP; 3 A; 8 C; 5 G; 4 T; 0 U; 0 Other;
0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Query Match
AAC86526/c
13 GAGGCTACCTGG 517
13 GAGGCTACCTGG 1

RESULT 2146
AAAA11847
ID AAA11847 standard; DNA; 20 BP.
XX
AC AAA11847;
XX
DT 16-AUG-2000 (first entry)
XX
DE Human MDMX antisense oligonucleotide #31024.
XX
KW MDMX; human; antisense; inhibitor; anticarcinogen; antiinflammatory;
KW antiinfectious; modulation; treatment; disease; diagnosis; primer; ss.
XX
OS Homo sapiens.
XX
PN US6046320-A.
XX
PD 04-APR-2000.
XX
PF 09-APR-1999; 99US-00289267.
XX
PR 09-APR-1999; 99US-00289267.
XX
PA (ISTS-) ISIS PHARM INC.
XX
PI Monia BP, Cowser LM;
XX
DR WPI; 2000-282710/24.
XX
PT New antisense oligonucleotides targeting nucleic acids encoding human
PT MDMX useful for inhibiting MDMX expression and for treating diseases
PT associated with MDMX expression e.g. tumor formation, inflammation.
XX
PS Claim 3; Col 69-70; 51pp; English.
XX
CC This invention describes a novel antisense compound (I), 8-30 nucleobases
CC in length, targeted to a nucleic acid encoding a human MDMX. (I)
CC specifically hybridizes with and inhibits the expression of human MDMX.
CC The products of the invention have anticarcinogen, antiinflammatory and
CC antineoplastic activity. Synthesized chimeric oligonucleotides targeted
CC to human MDMX, 20 nucleotides in length, composed of a central gap region
CC consisting of ten 2'-deoxynucleotides flanked on both sides by 5-
CC nucleotide wings were tested for antisense inhibition of MDMX expression.
CC Results of real-time quantitative polymerase chain reaction (PCR) showed
CC 71 out of the 159, 20 base pair sequences, all fully defined in the
CC specification, demonstrated at least 30% inhibition of MDMX expression.
CC The antisense oligonucleotides are useful for effective and specific
CC modulation, particularly inhibition of MDMX expression, and may be used
CC in treating humans or animals suspected of having or being prone to a
CC disease or condition associated with expression of MDMX. The antisense
CC oligonucleotides may also be used as research reagents or kits, and as
CC diagnostics, e.g. to elucidate the function of a particular gene or to
CC distinguish between functions of various members of a biological pathway,
CC and as prophylaxis, e.g. to prevent or delay infection, inflammation or
CC tumor formation. AAA11781-A11945 represent antisense oligonucleotides
CC described in the method of the invention
XX
SQ Sequence 20 BP; 6 A; 7 C; 5 G; 2 T; 0 U; 0 Other;

Query Match
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1575 AGGAGGCCAGCT 1587
Db 2 AGGAGGCCAGCT 14

RESULT 2147
AAC86526/c
ID AAC86526 standard; DNA; 20 BP.
XX
AC AAC86526;
XX
DT 19-MAR-2001 (first entry)
XX
DE PCR primer used to detect different murine T cell types.
XX
KW Natural killer T cell; NKT; phosphatidylinositol mannoside; PIM;
KW granulomatous-type response; mucosal response; bacterial infection;
KW Valpha14+ T cell; granulomatous lesion; immune response; leprosy;
KW tuberculosis; cancer; PCR primer; ss.
XX
OS Mus sp.
XX
FH Key Location/Qualifiers
FT modified_base 1 /*tag= a
FT /note= "FAM attached"
XX
PN WO200063348-A2.
XX
PD 26-OCT-2000.
XX
PF 19-APR-2000; 2000WO-FR001029.
XX
PR 19-APR-1999; 99FR-00004897.
XX
PA (INRM) INSERM INST NAT SANTE & RECH MEDICALE.
PA (INSP) INST PASTEUR.
XX
PI Apostolov I, Gachelin G, Kourilsky P, Takahama Y;
XX
DR WPI; 2000-679591/66.
XX
PT Composition containing natural killer T cells, useful e.g. for treating
PT infection or cancer, activated by a phosphatidylinositol mannoside to
PT induce a granulomatous response.
XX
PS Disclosure; Page 10; 35pp; French.
XX
CC The specification describes a pharmaceutical composition that comprises
CC natural killer T cells (NKT) activated by a phosphatidylinositol
CC mannoside (PIM), and a carrier. Activation of NKT by PIM induces a
CC granulomatous-type response, particularly a mucosal response in the case
CC of bacterial infections. This activation is independent of the CD1/T cell
CC receptor pathway and is based instead on the innate immunity mediated by
CC CD14 and biases the response to Th1 type. It is relatively specific,
CC implying an oligoclonal distribution (contrast the polyclonal activation
CC induced by ceramides). NKT are the only Valpha14+ T cells that infiltrate
CC granulomatous lesions. The compositions, and/or PIM alone, are used to
CC treat diseases where a granulomatous-type immune response is desired,
CC particularly bacterial infection (especially where caused by
CC mycobacteria, e.g. tuberculosis and leprosy) or cancer (particularly
CC melanoma, especially where used as adjuvant therapy in combination with
CC known antitumor agents). The present sequence represents a PCR primer
CC used to detect different T cell types
XX
SQ Sequence 20 BP; 4 A; 5 C; 6 G; 5 T; 0 U; 0 Other;

```
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 989 CCCAGAACTGCT 1001
DB 17 CCCAGAACTGCT 5

RESULT 2148
AAC62206/c
ID AAC62206 standard; DNA; 20 BP.
XX AC AAC62206;
XX DT 06-MAR-2001 (first entry)
XX DE PCR primer used to amplify cDNA encoding VEGF.
XX KW Antisense oligonucleotide; flt-4; receptor type tyrosine kinase;
KW lymphangiogenesis; prostate cancer; vascular endothelial growth factor;
KW prostate cell; PCR primer; ss.
XX OS Homo sapiens.
XX FN WO200062063-A1.
XX PD 19-OCT-2000.
XX PF 13-APR-1999; 99WO-US008079.
XX FR 13-APR-1999; 99WO-US008079.
XX PA (NWBI-) NORTHWEST BIOTHEAPEUTICS INC.
XX PI Su SL;
XX DR WPI; 2000-687067/67.
XX PT Detecting metastatic potential, diagnosing metastatic prostate cancer or
PT determining the prognosis of a subject with prostate cancer comprises
PT detecting the expression of flt-4 in a prostate cell.
XX PS Example; Page 50; 78pp; English.
XX CC PCR primers AAC62206-07 were used to amplify cDNA encoding vascular
CC endothelial growth factor (VEGF). VEGF is a ligand for flt-4. Flt-4 is a
CC receptor type tyrosine kinase with 7 Ig-like domains similar to other
CC VEGF receptors. Flt-4 may play a role in lymphangiogenesis. Antisense
CC oligonucleotides can be used for detecting the metastatic potential,
CC diagnosing metastatic prostate cancer or determining the prognosis of a
CC subject with prostate cancer. The method comprises identifying the
CC prostate cell in a body fluid sample and detecting the expression of flt-
CC 4 in the cell. Expression of flt-4 in a prostate cell indicates that the
CC cell is a cancerous prostate cell that has metastatic potential or is a
CC secondary tumour metastasis of a primary prostate tumour
XX SQ Sequence 20 BP; 5 A; 6 C; 6 G; 3 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1091 TGACACTGTGGTA 1103
DB 13 TGACACTGTGGTA 1

RESULT 2149
AAF32869
ID AAF32869 standard; DNA; 20 BP.
XX AC AAF32869;
XX DT 23-MAR-2001 (first entry)
```

```
XX DE Murine B7-1 mRNA antisense oligonucleotide SEQ ID NO: 66.
XX KW Human; mouse; B7-1; B7-2; antisense; PCR primer; inflammation;
KW autoimmune disorder; phosphorothioate backbone; ss.
XX OS Mus sp.
XX FN WO200074687-A1.
XX PD 14-DEC-2000.
XX PF 25-MAY-2000; 2000WO-US014471.
XX PR 04-JUN-1999; 99US-00326186.
XX PA (ISIS-) ISIS PHARM INC.
XX PI Bennett CF, Vickers TA, Karras JG;
XX DR WPI; 2001-049991/06.
XX PT Novel compound for diagnosing, preventing and treating immune disorders,
PT comprising an oligonucleotide that specifically hybridizes with a nucleic
PT acid sequence encoding B7 protein.
XX PS Example 1; Page 48; 162pp; English.
XX CC The present invention provides sequences of antisense oligonucleotides
CC targeted at the murine and human B7-1 and B7-2 coding and mRNA sequences.
CC The antisense sequences have phosphorothioate backbones and some
CC nucleotides are 2'-methoxyethoxy residues. The sequences can be used in
CC the treatment of inflammatory and autoimmune disorders, including asthma,
CC juvenile diabetes mellitus, myasthenia gravis, Graves' disease,
CC rheumatoid arthritis, allograft rejection, inflammatory bowel disease,
CC multiple sclerosis, psoriasis, systemic lupus erythematosus, contact
CC dermatitis, rhinitis, allergies and cancer
XX SQ Sequence 20 BP; 4 A; 6 C; 7 G; 3 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 595 GCCTTTGGGAAC 607
DB 1 GCCTTTGGGAAC 13

RESULT 2150
AAC92777/c
ID AAC92777 standard; DNA; 20 BP.
XX AC AAC92777;
XX DT 27-MAR-2001 (first entry)
XX DE Human hnRNP A1 phosphorothioate antisense oligonucleotide, SEQ ID NO:49.
XX KW Human hnRNP A1; heterogeneous nuclear ribonucleoprotein A1;
KW heterogeneous nuclear ribonucleoprotein core protein A1; p40CRS;
KW mRNA processing; transport; stabilisation; alternative splicing;
KW donor splice site selection; telomere biogenesis; oncogenesis;
KW apoptosis-associated protein; cancer; tumour formation;
KW expression inhibition; phosphorothioate; antisense oligonucleotide; ss.
XX OS Homo sapiens.
XX FN US6165789-A.
XX PD 26-DEC-2000.
XX PF 27-OCT-1999; 99US-00428596.
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XX PR 27-OCT-1999; 99US-00428696.
XX PA (ISTS-) ISIS PHARM INC.
XX PI Monia BP, Cowser LM;
XX PS WPI; 2001-090484/10.
XX PT Novel antisense compound targeted to human hnRNP A1 which specifically
XX PT hybridizes with and inhibits the expression of human hnRNP A1, useful for
XX PT modulating the expression of hnRNP A1 in cells.
XX PS Claim 3; Col 41-42; 38pp; English.
XX CC Sequences AAC92738-C92817 represent antisense oligonucleotides targetted
XX CC to the heterogeneous nuclear ribonucleoprotein A1 (hnRNP A1) gene, which
XX CC inhibit its expression. The antisense oligonucleotides were designed to
XX CC target different regions of the human hnRNP A1 mRNA, and were analysed
XX CC for their effect on hnRNP A1 mRNA levels by quantitative real-time PCR.
XX CC hnRNP A1 (also known as heterogeneous nuclear ribonucleoprotein core
XX CC protein A1 and p40CRS) is thought to function in the stabilisation,
XX CC transport and processing (including alternative splicing) of newly
XX CC synthesised mRNAs. It facilitates the annealing of single-stranded
XX CC nucleic acids, modulates the binding of snRNPs to RNA intron sequences,
XX CC and shuttles continuously between the nucleus and the cytoplasm acting as
XX CC a carrier protein for mRNAs. hnRNP A1 also participates in telomere
XX CC biogenesis, with low levels of hnRNP correlating with shortened
XX CC telomeres. In addition, hnRNP A1 has also been classified as an apoptosis
XX CC -associated protein on the basis that it is specifically cleaved into
XX CC three fragments during antibody-mediated apoptosis. Due to its ability to
XX CC control splicing events, particularly donor splice site selection, hnRNP
XX CC A1 is implicated in the process of oncogenesis. The oligonucleotides of
XX CC the invention are useful for diagnosis, prevention and treatment of
XX CC conditions associated with hnRNP A1 expression, such as cancer
XX SQ Sequence 20 BP; 5 A; 10 C; 2 G; 3 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGG 242
DB 16 GTGGTGGTGGTGG 4

RESULT 2151
AAH26782/c
ID AAH26782 standard; DNA; 20 BP.
XX AC AAH26782;
XX DT 26-NOV-2001 (first entry)
XX DE Mouse T cell receptor V-beta chain PCR primer C-alpha.
XX KW T cell receptor; mouse; antigen; atherosclerosis; vaccine; diagnosis;
XX KW PCR primer; ss.
XX OS Mus sp.
XX PN WO200168119-A1.
XX PD 20-SEP-2001.
XX PF 15-MAR-2001; 2001WO-SE000570.
XX PR 15-MAR-2000; 2000SE-00000855.
XX PA (KARO-) KAROLINSKA INNOVATIONS AB.
XX PI Hansson GK, Stemme S, Nicoletti A, Wuttge D;

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XX DR WPI; 2001-589990/66.
XX PT Antigenic composition useful as an atherosclerosis vaccine comprises a
XX PT peptide derived from apoB100 conjugated with an aldehyde, and is capable
XX PT of eliciting an immune response against non-native, oxidized low density
XX PT lipoprotein.
XX PS Disclosure; Page 23; 49pp; English.
XX CC The present sequence is that of primer C-alpha, which was used with a set
XX CC of 19 V-alpha primers (see AAH26763-81) for the PCR amplification of
XX CC mouse T cell receptor (TCR) V-alpha chain cDNA. The TCR from hybridoma 96
XX CC -6, which was reactive to oxidized low density lipoprotein (oxLDL),
XX CC carried a V-beta-6 chain (see AAH82887) with a cluster of charged and
XX CC polar amino acids in complementarity determining region 3. The hybridoma
XX CC recognised purified apoB100 protein conjugated to malondialdehyde but not
XX CC the native, un conjugated apoB100 protein. The invention provides
XX CC antigenic compositions comprising a peptide derived from apoB100,
XX CC conjugated with an aldehyde, and capable of eliciting an immune response
XX CC against non-native, oxLDL in a subject by interacting with TCRs,
XX CC especially with TCR alpha-10 and beta-6 chains. The compositions are used
XX CC as vaccines against atherosclerosis. Methods of producing an
XX CC atherosclerosis vaccine and in diagnosing atherosclerosis are also
XX CC claimed
XX SQ Sequence 20 BP; 3 A; 6 C; 6 G; 5 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 CCCAGAACCTGCT 1001
DB 17 CCCAGAACCTGCT 5

RESULT 2152
AAD15710
ID AAD15710 standard; DNA; 20 BP.
XX AC AAD15710;
XX DT 15-NOV-2001 (first entry)
XX DE Equine influenza virus PA gene generating PCR primer, PAN-4.
XX KW Equine influenza virus; cold adaptation; temperature sensitivity;
XX KW vaccine; PCR primer; ss.
XX OS Equine influenza virus.
XX PN WO200160849-A2.
XX PD 23-AUG-2001.
XX PF 16-FEB-2001; 2001WO-US005048.
XX PR 16-FEB-2000; 2000US-00506286.
XX PA (UYPI-) UNIV PITTSBURGH.
XX PI Dowling PW, Youngner JS;
XX XX WPI; 2001-522584/57.
XX PT Novel isolated equine influenza virus (wild-type and cold-adapted)
XX PT proteins and viruses containing nucleic acid molecules encoding the
XX PT proteins, which are useful for protecting animals from influenza virus
XX PT infections.
XX PS Example 9; Page 130; 172pp; English.

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CC The patent discloses cold-adapted equine influenza viruses and
 CC reassortant influenza A viruses comprising at least one genome segment of
 CC such an equine influenza virus, wherein the equine influenza virus genome
 CC segment confers at least one identifying phenotype of the cold-adapted
 CC equine influenza virus, such as cold adaptation, temperature sensitivity,
 CC dominant interference or attenuation. The viruses are useful for
 CC protecting animals from diseases caused by influenza viruses. They are
 CC also used as vaccines. The present sequence is PCR primer, PAN-4 which is
 CC used to generate the N-terminal portion of equine influenza virus PA gene
 XX
 SQ Sequence 20 BP; 7 A; 4 C; 5 G; 4 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 510 CTACCTGGAGAG 522
 |||||
 Db 7 CTACCTGGAGAG 19

RESULT 2153
 AAF75042/c
 ID AAF75042 standard; DNA; 20 BP.

XX AAF75042;

XX 08-MAY-2001 (first entry)

XX Primer #14.

XX 5-hydroxy tryptamine receptor 1A; HTR1A; polymorphism; Tourette's;
 XX neuropsychiatric; ss.

XX Homo sapiens.

XX WC200110884-A1.

XX 15-FEB-2001.

XX 01-AUG-2000; 2000WO-US040519.

XX 06-AUG-1999; 99US-0147711P.

XX (GENA-) GENAISANCE PHARM INC.

XX Denton RR, Klieh SE, Nandabalan K, Stephens JC;

XX WPI; 2001-191514/19.

XX New 5-hydroxy tryptamine receptor 1A gene variants for studying
 XX expression and biological function of the gene and for developing drugs
 XX targeting 5-hydroxy tryptamine receptor 1A protein.

XX Example 1; Page 33; 64pp; English.

XX The present invention relates to 5-hydroxy tryptamine receptor 1A (HTR1A)
 CC gene. HTR1A-encoding polynucleotides containing one or more of the novel
 CC polymorphic sites are useful in studying the expression and biological
 CC function of HTR1A, as well as in developing drugs targeting this protein.
 CC In addition, information on the combinations of polymorphisms in the
 CC HTR1A gene may have diagnostic and forensic applications. A polymorphic
 CC variant of HTR1A is useful in studying the effect of the variation on the
 CC biological activity of HTR1A as well as studying the binding affinity of
 CC candidate drugs targeting HTR1A for the treatment of neuropsychiatric
 CC diseases and Tourette's syndrome

XX Sequence 20 BP; 8 A; 5 C; 6 G; 1 T; 0 U; 0 Other;

Query Match

Best Local Similarity 100.0%; Pred. No. 1.2e+03;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1118 TCCTGCTTGGTC 1130
 |||||
 Db 19 TCCTGCTTGGTC 7

RESULT 2154

ABZ72109/c

ID ABZ72109 standard; DNA; 20 BP.

XX ABZ72109;

XX 03-APR-2003 (first entry)

XX Gene 216 SSCP detection primer SEQ ID NO 81.

XX Human; Gene 216; chromosome 20p13-p12; antiasthmatic; anorectic;
 XX antiinflammatory; gastrointestinal; gene therapy; vaccine; asthma;
 XX obesity; inflammatory bowel disease; primer; ss.

XX Synthetic.

XX WO200178894-A2.

XX 25-OCT-2001.

XX 13-APR-2001; 2001WO-US012245.

XX 13-APR-2000; 2000US-00548797.

XX (GENO-) GENOME THERAPEUTICS CORP.

XX Keith T;

XX WPI; 2001-639428/73.

XX Isolated genes (Gene 216) from human chromosome 20p13-p12 and the
 XX proteins they encode, useful for the prevention, diagnosis and treatment
 XX of asthma, obesity and inflammatory bowel disease.

XX Example 10; Page 148; 520pp; English.

XX The invention relates to isolated genes (Gene 216) from human chromosome
 CC 20p13-p12 and the proteins they encode. The nucleic acids and proteins
 CC may be used in the prevention, diagnosis and treatment of diseases
 CC associated with inappropriate Gene 216 expression. For example, the
 CC nucleic acids (or vectors) and proteins may be used to treat disorders
 CC associated with decreased expression by rectifying mutations or deletions
 CC in a patient's genome that affect the activity of gene 216 by expressing
 CC inactive proteins or to supplement the patients own production of Gene
 CC 216 proteins. Additionally, the nucleic acids may be used to produce the
 CC secreted Gene 216 protein, by inserting the nucleic acids into a host
 CC cell and culturing the cell to express the protein. The nucleic acids and
 CC complementary sequences may also be used as DNA probes in diagnostic
 CC assays to detect and quantitate the presence of similar nucleic acid
 CC sequences in samples and therefore which patients may be in need of
 CC restorative therapy. The Gene 216 protein may also be used as antigens in
 CC the production of antibodies against Gene 216 and in assays to identify
 CC modulators of Gene 216 expression and activity. The anti-Gene 216
 CC antibodies and antagonists may also be used to down regulate expression
 CC and activity. The anti-Gene 216 antibodies may also be used as diagnostic
 CC agents for detecting the presence of Gene 216 proteins in samples (e.g.
 CC by enzyme linked immunosorbent assay or ELISA). Disorders that may be
 CC prevented, diagnosed and/or treated by the above methods include, for
 CC example asthma, obesity and inflammatory bowel disease. The present
 CC sequence is that of a Gene 216 related primer used in examples of the
 CC invention. The primers are used in the physical mapping of the gene
 CC (ABZ72067-ABZ72088), polymorphism identification using single strand
 CC conformational polymorphism (SSCP) analysis (ABZ72091-ABZ72184),
 CC sequencing (ABZ72185-ABZ72268) and genotyping (ABZ72317-ABZ72362)

XX Sequence 20 BP; 3 A; 6 C; 5 G; 6 T; 0 U; 0 Other;

XX Query Match 0.7%; Score 13; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+03; Mismatches 0; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
|||||
Db 17 TTAGGAACCCCAA 5

RESULT 2155
ABZ7204/C
ID ABZ72204 standard; DNA; 20 BP.
XX
AC ABZ72204;
XX
DT
XX
XX
DE
XX
KW Human; Gene 216; chromosome 20p13-pl2; antiaesthetic; anorectic;
antiinflammatory; gastrointestinal; gene therapy; vaccine; asthma;
KW obesity; inflammatory bowel disease; primer; ss.
XX
OS Synthetic.
XX
XX W0200178894-A2.
XX
XX
PD 25-OCT-2001.
XX
XX
PF 13-APR-2001; 2001WO-US012245.
XX
PR 13-APR-2000; 2000US-00548797.
XX
XX (GENO-) GENOME THERAPEUTICS CORP.
PA
XX
XX Keith T;
XX
XX WPI; 2001-639428/73.
XX
XX
XX Isolated genes (Gene 216) from human chromosome 20p13-pl2 and the
PT proteins they encode, useful for the prevention, diagnosis and treatment
PT of asthma, obesity and inflammatory bowel disease.
XX
XX Example 10; Page 150; 520pp; English.
XX
XX The invention relates to isolated genes (Gene 216) from human chromosome
CC 20p13-pl2 and the proteins they encode. The nucleic acids and proteins
CC may be used in the prevention, diagnosis and treatment of diseases
CC associated with inappropriate Gene 216 expression. For example, the
CC nucleic acids (or vectors) and proteins may be used to treat disorders
CC associated with decreased expression by rectifying mutations or deletions
CC in a patient's genome that affect the activity of gene 216 by expressing
CC inactive proteins or to supplement the patient's own production of Gene
CC 216 proteins. Additionally, the nucleic acids may be used to produce the
CC secreted Gene 216 protein, by inserting the nucleic acids into a host
CC cell and culturing the cell to express the protein. The nucleic acids and
CC complementary sequences may also be used as DNA probes in diagnostic
CC assays to detect and quantitate the presence of similar nucleic acid
CC sequences in samples and therefore which patients may be in need of
CC restorative therapy. The gene 216 protein may also be used as antigens in
CC the production of antibodies against Gene 216 and in assays to identify
CC modulators of Gene 216 expression and activity. The anti-Gene 216
CC antibodies and antagonists may also be used to down regulate expression
CC and activity. The anti-Gene 216 antibodies may also be used as diagnostic
CC agents for detecting the presence of Gene 216 proteins in samples (e.g.
CC by enzyme linked immunosorbent assay or ELISA). Disorders that may be
CC prevented, diagnosed and/or treated by the above methods include, for
CC example asthma, obesity and inflammatory bowel disease. The present
CC sequence is that of a Gene 216 related primer used in examples of the
CC invention. The primers are used in the physical mapping of the gene
CC (ABZ72067-ABZ72098), polymorphism identification using single strand
CC conformational polymorphism (SSCP) analysis (ABZ72091-ABZ72184),
CC sequencing (ABZ72185-ABZ72268) and genotyping (ABZ72317-ABZ72362)
XX

SQ Sequence 20 BP; 3 A; 6 C; 5 G; 6 T; 0 U; 0 Other;
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
|||||
Db 17 TTAGGAACCCCAA 5

RESULT 2156
ABQ87920
ID ABQ87920 standard; DNA; 20 BP.
XX
AC ABQ87920;
XX
XX
DT 10-SEP-2002 (first entry)
XX
DE Enterohaemorrhagic Escherichia coli detection PCR primer SEQ ID NO 19.
XX
KW Enterohaemorrhagic Escherichia coli; EHEC; slt; Shigella-like toxin; eae;
KW hlyA; detection; food; PCR; primer; ss.
XX
OS Escherichia coli.
XX
XX W0200253771-A2.
XX
XX
PD 11-JUL-2002.
XX
XX
PF 15-OCT-2001; 2001WO-RP011901.
XX
PR 08-JAN-2001; 2001DE-01000493.
XX
XX (BIOT-) BIOTECON DIAGNOSTICS GMBH.
XX
XX Grabowski R, Groenewald C, Schneider A, Pardigol A, Berghof K;
XX WPI; 2002-528864/56.
XX
XX Detecting enterohaemorrhagic Escherichia coli, from the presence of
PT sequences from the Shigella-like toxin locus and at least one of eae and
PT hlyA loci.
XX
XX Claim 3; Page 17; 86pp; German.
XX
XX The invention relates to detection (M1) of enterohaemorrhagic Escherichia
CC coli (EHEC) in a sample from the presence of nucleic acid sequences from
CC the slt (Shigella-like toxin) locus and the eae and/or hlyA loci. (M1) is
CC useful for detecting of EHEC e.g. in foods. The method provides secure
CC detection of EHEC (including differentiation from other types of E.
CC coli), with minimal interference from other sample components such as
CC inhibitors of the polymerase chain reaction, DNA of non-pathogenic
CC bacteria or the quenching phenomenon. The present sequence is that of one
CC of the PCR primers of the invention (ABQ87902-ABQ87999)
XX
SQ Sequence 20 BP; 5 A; 5 C; 3 G; 6 T; 0 U; 1 Other;
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 1.2e+03;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 912 GAAACTGTTCTCTGT 926
|||||
Db 1 GAAACTGTTCTCTGT 15

RESULT 2157
AAL43510/C
ID AAL43510 standard; DNA; 20 BP.
XX
AC AAL43510;
XX

DT 02-SEP-2002 (first entry)
 XX Human DDB2 antisense oligonucleotide 9.
 DE
 XX
 KW Human; ss; antisense oligonucleotide; antisense therapy; PCR; primer;
 KW damage specific DNA binding protein 2; DDB2; p48; chromosome 11; DDB;
 KW E2F transcription factor; p48 expression-related disease;
 KW DDB2 expression-related disease; 2'-O-methoxyethyl gapmer;
 KW phosphorothioate backbone.
 XX
 OS Homo sapiens.
 XX
 PN US6379960-B1.
 XX
 PD 30-APR-2002.
 XX
 PF 06-DEC-2000; 2000US-00732199.
 XX
 PR 06-DEC-2000; 2000US-00732199.
 XX
 PA (ISIS-) ISIS PHARM INC.
 XX
 PI Popoff I, Wyatt J;
 XX
 XX WPI; 2002-424788/45.
 DR
 XX
 XX Antisense oligonucleotide which specifically hybridizes with a region of
 PT a nucleic acid encoding human Damage-specific DNA binding protein p48,
 PT useful for treating diseases and conditions associated with p48
 PT expression.
 XX
 XX Claim 3; Col 43-44; 36pp; English.
 PS
 XX The invention comprises antisense oligonucleotides targeted to the human
 CC damage specific DNA binding protein 2 (DDB2 - also known as p48) gene,
 CC located on chromosome 11. DDB2 is a subunit of the DDB protein which
 CC is believed to be a negative regulator of the E2F transcription factor.
 CC The antisense oligonucleotides of the invention are used to treat a
 CC person suspected of having or being prone to a disease or condition
 CC associated with DDB2/p48 expression. The present DNA sequence represents
 CC a human DDB2/p48 antisense oligonucleotide of the invention. NOTE: The
 CC present DNA sequence is a 2'-O-methoxyethyl gapmer and contains a
 CC phosphorothioate backbone
 XX
 SQ Sequence 20 BP; 4 A; 5 C; 8 G; 3 T; 0 U; 0 Other;
 Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1283 CAGGCATCCTGTC 1295
 Db 13 CAGGCATCCTGTC 1
 RESULT 2158
 ABL45369/C
 ID ABL45369 standard; DNA; 20 BP.
 XX
 AC ABL45369;
 XX
 DT 11-APR-2002 (first entry)
 XX
 DE Human chromosome 21q22.1 PCR primer SEQ ID NO:2413.
 XX
 KW Human; chromosome 1p36-35; chromosome 21q22.1; genetic analysis; genome;
 KW PCR primer; ss.
 XX
 OS Homo sapiens.
 XX
 PN JP2001321190-A.
 XX
 PD 20-NOV-2001.

XX 12-MAR-2001; 2001JP-00068285.
 PF
 XX 10-MAR-2000; 2000JP-00066716.
 PR
 XX (RIKA) RIKAGAKU KENKYUSHO.
 PA (GENO-) GENOTEX YG.
 PA
 XX WPI; 2002-144136/19.
 DR
 XX
 XX Arraying genome clones.
 XX
 XX Claim 6; Page 52; 528pp; Japanese.
 PS
 XX The present invention describes a method of arraying genome clones. The
 CC method comprises: (a) clones of the genomic libraries contained in
 CC multiwell plates numbered for discrimination are mixed in each of the
 CC multiwell plates; (b) a primer designed based on the chromosome marker
 CC sequence is added to the mixture to carry out an amplification reaction;
 CC (c) a signal corresponding to the marker is detected from the resultant
 CC amplified product to specify the discrimination Nos. of the multiwell
 CC plates containing the clones having said marker sequence; (d) the order
 CC of the markers is changed so that the same discrimination Nos. succeed to
 CC the maximum in the specified discrimination Nos. to array the multiwell
 CC plates; (e) the clones in the multiwell plates of the specified
 CC discrimination Nos. are mixed respectively in each wells of longitudinal
 CC and lateral directions; (f) the mixed clones are cultured and the
 CC resultant cultures are amplified by using the above primer; (g) signals
 CC are detected from the amplified products; (h) the clones in the multiwell
 CC plates are specified from the detected result; and (i) the clones are
 CC reconstituted as the positions on the chromosome and arrayed. The
 CC microarray is useful for gene analysis. ABL42957 to ABL45322 represent
 CC PCR primers for human chromosome 1p36-35 DNA, and ABL45323 to ABL45634
 CC represent PCR primers for human chromosome 21q22.1, which are
 CC specifically claimed for use in the present invention
 XX
 SQ Sequence 20 BP; 2 A; 8 C; 3 G; 7 T; 0 U; 0 Other;
 Query Match 0.7%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.2e+03;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 23 CAGGAATGCAGAG 35
 Db 19 CAGGAATGCAGAG 7
 RESULT 2159
 ABK99609/C
 ID ABK99609 standard; DNA; 20 BP.
 XX
 AC ABK99609;
 XX
 DT 21-OCT-2002 (first entry)
 XX
 DE Adenovirus vector DNA PCR primer #20.
 XX
 KW Adenovirus; transcriptional regulatory element; TRE; prostate; liver;
 KW breast cancer; colon cancer; antitumour; PCR; primer; ss.
 XX
 OS Synthetic.
 XX
 PN US2002068049-A1.
 XX
 PD 06-JUN-2002.
 XX
 PF 06-DEC-2000; 2000US-00732169.
 XX
 PR 10-SEP-1998; 98US-00151376.
 XX
 XX (HEND/) HENDERSON D R.
 PA (SCHU/) SCHUUR E R.
 PA
 XX

PI Henderson DR, Schuur ER;
XX WPI; 2002-582468/62.
XX Novel adenovirus vector comprises adenovirus gene under transcriptional
PT control of cell-type specific transcriptional response element for
PT conferring selective toxicity on target cell and for suppressing tumor
PT growth.
XX Example 1; Page 20; 83pp; English.
XX The invention relates to an adenovirus vector (AV) comprising an AV gene
CC under transcriptional control of a cell type-specific transcriptional
CC regulatory element (TRE) and optionally a first AV gene under control of a
CC first cell type-specific TRE and a second gene under control of a
CC second cell type-specific TRE, where the first and second cell type-
CC specific TREs are substantially identical. When the vector is introduced
CC into a cell (e.g. prostate cell, liver cell, breast cancer cell or colon
CC cancer cell) it allows the cell type-specific TRE to function, resulting
CC in cytotoxicity. The vector is useful for suppressing tumour growth of a
CC target cell. This sequence represents a PCR primer used in the scope of
CC the invention
XX
SQ Sequence 20 BP; 4 A; 4 C; 4 G; 8 T; 0 U; 0 Other;
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 901 ATGCACACGCTGA 913
Db 17 ATGCACACGCTGA 5
|||||
RESULT 2160
ABI96277/c
ID ABI96277 standard; DNA; 20 BP.
XX
AC ABI96277;
XX
DT 16-FEB-2002 (first entry)
XX
DE Capture oligonucleotide Zip ID#3364 oligo #9.
XX
KW Human; K-ras; PCR primer; probe; capture probe; mutation detection;
KW ligase detection reaction; LDR; p53; BRCA1; BRCA2; infectious disease;
KW infection; 21 hydroxylase deficiency; Turner Syndrome; obesity; cancer;
KW oncogene; tumour suppressor; human papillomavirus; forensic;
KW environmental monitoring; food industry; feed industry; ss.
XX
OS Synthetic.
XX
XX WO200179548-A2.
XX
XX 25-OCT-2001.
XX
PD 04-APR-2001; 2001WO-US010958.
XX
PF 14-APR-2000; 2000US-0197271P.
XX
PR (CORR) CORNELL RES FOUND INC.
XX
PA Barany F, Zirvi M, Gerry NP, Favis R, Kliman R;
XX
XX WPI; 2002-034366/04.
XX
DR Designing capture oligonucleotide probes for use on a support to which
PT complementary oligonucleotides hybridize with little mismatch.
XX
XX Example 5; Fig 29; 300pp; English.
PS
XX The present invention describes a method (M1) for designing capture
CC oligonucleotide probes (I) for use on a support to which complementary

CC oligonucleotide probes (II) will hybridize with little mismatch, where
CC (I) have melting temperatures within a narrow range. The method is useful
CC for detecting infectious diseases caused by bacterial infectious agents
CC e.g. Salmonella, Listeria monocytogenes and Haemophilus influenza, fungal
CC infectious agents e.g. Cryptococcus neoformans, Candida albicans and
CC Aspergillus fumigatus, viruses e.g. T-cell lymphocytotropic virus,
CC Epstein-Barr virus and polio virus, and parasitic infectious agents
CC selected from Onchocerca volvulus, Entamoeba histolytica and Dracunculus
CC medinensis. The method is also useful for detecting genetic diseases such
CC as 21 hydroxylase deficiency, Turner Syndrome and obesity defects.
CC Detecting cancer involving oncogenes, tumour suppressor genes, or genes
CC involved in DNA amplification, replication, recombination or repair, the
CC cancer is specifically associated with a gene selected from BRCA1 gene,
CC p53 gene, human papillomavirus types 16 and 18 and liver cancers. The
CC method is also used for environmental monitoring, forensics and the food
CC and feed industry, detecting comprises scanning (using e.g. a scanning
CC electron microscope and infrared microscope) the support at the
CC particular sites and identifying if ligation of the oligonucleotide probe
CC sets occurred and correlating (using a computer) identified ligation to a
CC presence or absence of the target nucleotide sequences. ABI82074 to
CC ABI97546 represent oligonucleotide sequences used in the exemplification
CC of the present invention
XX
SQ Sequence 20 BP; 5 A; 5 C; 7 G; 3 T; 0 U; 0 Other;
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1021 CTCACGCTGGCTG 1033
Db 13 CTCACGCTGGCTG 1
|||||
RESULT 2161
ADE52880/c
ID ADE52880 standard; DNA; 20 BP.
XX
AC ADE52880;
XX
DT 29-JAN-2004 (first entry)
XX
DE FEN-1 related DNA used within the scope of the invention, #52.
XX
KW Flap endonuclease-1; FEN-1; endonuclease; structure-specific nuclease;
KW invasive cleavage structure; thermostable; DNA polymerase; 5' nuclease;
KW viral infection; bacterial infection; cancer; forensic analysis;
KW paternity determination; ds.
XX
XX Unidentified.
OS Synthetic.
XX
XX WO200270755-A2.
XX
XX 12-SEP-2002.
XX
PD 15-NOV-2001; 2001WO-US044953.
XX
PF 15-NOV-2000; 2000US-00713601.
XX
PR 17-NOV-2000; 2000US-00714935.
XX
XX (THIR-) THIRD WAVE TECHNOLOGIES INC.
XX
PA Lyamichev VI, Kaiser MW, Lyamicheva N;
XX
XX WPI; 2002-750464/81.
XX
DR New composition useful for detecting and characterizing nucleic acid
PT sequences and sequence variants for detecting the presence of viral or
PT bacterial infections or cancer, comprises purified or chimerical FEN-1
PT endonuclease.
XX
XX Example 27; SEQ ID NO 62; 871pp; English.
PS

XX The invention discloses a new composition (I) which comprises a purified
CC flap endonuclease-1 (FEN-1) from e.g. *Sulfolobus solfataricus*,
CC Pyrobaculum aerophilum or a chimerical FEN-1 endonuclease having a
CC portion of the above endonuclease in addition to that of *Pyrococcus*
CC *horikoshii* and *Aeropyrum pernix*. Also claimed is a composition comprising
CC an isolated nucleic acid sequence encoding the endonuclease mentioned
CC above, a composition comprising a vector having the nucleic acid sequence
CC cited above, a composition comprising a host cell and vector cited above,
CC a mixture comprising a first structure-specific nuclease selected from
CC the species mentioned in composition (I), and a purified second structure
CC -specific nuclease and detecting a target sequence, comprising: (a)
CC providing a sample suspected of containing the target sequence,
CC oligonucleotides capable of forming an invasive cleavage structure in the
CC presence of the target sequence, and a FEN-1 endonuclease selected from
CC the species cited above and (b) exposing the sample to the
CC oligonucleotides and FEN-1 endonuclease. The second structure-specific
CC nuclease also comprises a thermostable DNA polymerase. It has a 5'
CC nuclease derived from a DNA polymerase altered in amino acid sequence
CC such that it exhibits reduced DNA synthetic activity from that of the
CC wild-type DNA polymerase but retains substantially the same 5' nuclease
CC activity of the wild-type DNA polymerase. The second structure is
CC selected from CLEAVASE BN enzyme, CLEAVASE DA enzyme, CLEAVASE DN enzyme,
CC CLEAVASE DV enzyme, CLEAVASE BN/thrombin enzyme, CLEAVASE TthDN enzyme,
CC T. aquaticus DNA polymerase, T. thermophilus DNA polymerase, E. coli Exo
CC III and S. cerevisiae Rad1/Rad10 complex. The nucleic acid treatment kit
CC comprises (i) and oligonucleotides capable of forming an invasive
CC cleavage structure in the presence of a target nucleic acid. The
CC oligonucleotides comprise: (a) a first oligonucleotide having a 5'
CC portion complementary to a first portion of a target nucleic acid and (b)
CC a second oligonucleotide comprising a 5' portion complementary to a
CC second portion of the target nucleic acid downstream of and contiguous to
CC the first portion and a 3' portion. The 3' portion of the second
CC oligonucleotide comprises a single 3' terminal nucleotide not
CC complementary to the target nucleic acid. Additionally, the kit has a
CC third oligonucleotide complementary to a third portion of the target
CC nucleic acid upstream of the first portion of the first target nucleic
CC acid. In detecting a target sequence, the oligonucleotides and
CC endonuclease are mixed under conditions where an invasive cleavage
CC structure is formed between the target sequence and the oligonucleotides
CC if the target sequence is present in the sample, where the invasive
CC cleavage structure is cleaved by the endonuclease to form a cleavage
CC product. The composition is useful in detecting and characterising
CC specific nucleic acid sequences and sequence variants which can be used
CC in detecting the presence of viral or bacterial infections, and other
CC diseases such as cancer. The composition may also be used in forensic
CC analysis or for paternity determinations. The sequence presented is a FEN
CC -1 related DNA used within the scope of the invention.

XX Sequence 20 BP; 2 A; 11 C; 3 G; 4 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCGCCGAGG 182
Dd |||||

19 GAGGTGCGCCGAGG 7

RESULT 2162
ABZ85602/c
ID ABZ85602 standard; DNA; 20 BP.

XX ABZ85602;

AC 17-OCT-2003 (first entry)

XX Human oligonucleotide sequence.

XX Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
KW antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;

KW antisense gene therapy; respiratory; lung; adenosine sensitivity;
KW adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
XX lung inflammation; respiratory disease; ds.
OS Homo sapiens.
XX WO200285308-A2.
XX 31-OCT-2002.
XX 23-APR-2002; 2002WO-US013135.
XX 24-APR-2001; 2001US-0286137P.
XX (EPIG-) EPIGENESIS PHARM INC.
XX NYCE JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;
XX Miller S, Tang L, Shahabuddin S;
XX WPI; 2003-229219/22.
XX Pharmaceutical composition for treating ailments associated with impaired
XX respiration, has oligo(s) antisense to specific gene(s) or its
XX corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
XX ubiquinone.
XX Claim 15; SEQ ID NO 844; 872pp; English.

XX The invention relates to a novel pharmaceutical composition, which has a
XX first active agent comprising an oligonucleotide antisense to the
XX initiation codon, coding region, 5' or 3' end genomic flanking regions,
XX 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of
XX junctions of genes encoding a polypeptide associated with lung and/or
XX nasal airway dysfunction and a second active agent comprising an
XX antiinflammatory steroid and ubiquinone. A composition of the invention
XX has antiinflammatory, antiallergic, antiasthmatic, hypotensive,
XX immunosuppressive, and cytostatic activity. The composition may have a
XX use in antisense gene therapy. The composition is useful for treating or
XX preventing a respiratory, lung or malignant disease or condition, also
XX for enhancing the prophylactic or therapeutic respiratory effect of an
XX antiinflammatory steroid in a subject, for reducing or depleting levels
XX of, or reducing sensitivity to adenosine, reducing levels of adenosine or
XX receptor, producing bronchodilation, increasing levels of ubiquinone or
XX lung surfactant in a subject's tissue, or treating bronchoconstriction,
XX lung inflammation, lung allergies, or a respiratory disease or condition.
XX Note: The sequence data for this patent is not represented in the printed
XX specification, but was obtained in electronic format directly from WIPO
XX at ftp.wipo.int/pub/published_pct_sequences

XX Sequence 20 BP; 3 A; 5 C; 6 G; 6 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 763 CTGCTCAAGGACC 775
Dd |||||

14 CTGCTCAAGGACC 2

RESULT 2163
ABZ90116
ID ABZ90116 standard; DNA; 20 BP.

XX ABZ90116;

XX 17-OCT-2003 (first entry)

XX Human oligonucleotide sequence.

XX Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
KW antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;

KW antisense gene therapy; respiratory; lung; adenosine sensitivity;
KW adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
KW lung inflammation; respiratory disease; ds.
XX
OS Homo sapiens.
XX
XX WC200285308-A2.
XX
XX 31-OCT-2002.
XX
XX 23-APR-2002; 2002WO-US013135.
XX
XX 24-APR-2001; 2001US-0286137P.
XX
XX (EPIG-) EPIGENESIS PHARM INC.
XX
XX Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;
PI Miller S, Tang L, Shahabuddin S;
XX WPI; 2003-229219/22.
XX
XX Pharmaceutical composition for treating ailments associated with impaired
PT respiration, has oligo(s) antisense to specific gene(s) or its
PT corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
PT ubiquinone.
XX
XX Disclosure; SEQ ID NO 5358; 872pp; English.
XX
XX The invention relates to a novel pharmaceutical composition, which has a
CC first active agent comprising an oligonucleotide antisense to the
CC initiation codon, coding region, 5' or 3' end genomic flanking regions,
CC 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of
CC junctions of genes encoding a polypeptide associated with lung and/or
CC nasal airway dysfunction and a second active agent comprising an
CC antiinflammatory steroid and ubiquinone. A composition of the invention
CC has antiinflammatory, antiallergic, antiasthmatic, hypotensive,
CC immunosuppressive, and cytostatic activity. The composition may have a
CC use in antisense gene therapy. The composition is useful for treating or
CC preventing a respiratory, lung or malignant disease or condition, also
CC for enhancing the prophylactic or therapeutic respiratory effect of an
CC antiinflammatory steroid in a subject, for reducing or depleting levels
CC of, or reducing sensitivity to adenosine, reducing levels of adenosine
CC receptor, producing bronchodilation, increasing levels of ubiquinone or
CC lung surfactant in a subject's tissue, or treating bronchoconstriction,
CC lung inflammation, lung allergies, or a respiratory disease or condition.
CC Note: The sequence data for this patent is not represented in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 20 BP; 8 A; 3 C; 6 G; 3 T; 0 U; 0 Other;
S
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1224 GGAGGACAGCTA 1236
DB 5 GGAGGACAGCTA 17
|||||
RESULT 2164
ABZ87971/c
ID ABZ87971 standard; DNA; 20 BP.
XX
XX ABZ87971;
AC
XX 17-OCT-2003 (first entry)
DT
XX Human oligonucleotide sequence.
DE
XX
KW Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
KW antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;

KW antisense gene therapy; respiratory; lung; adenosine sensitivity;
KW adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
KW lung inflammation; respiratory disease; ds.
XX
OS Homo sapiens.
XX
XX WC200285308-A2.
XX
XX 31-OCT-2002.
XX
XX 23-APR-2002; 2002WO-US013135.
XX
XX 24-APR-2001; 2001US-0286137P.
XX
XX (EPIG-) EPIGENESIS PHARM INC.
XX
XX Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;
PI Miller S, Tang L, Shahabuddin S;
XX WPI; 2003-229219/22.
XX
XX Pharmaceutical composition for treating ailments associated with impaired
PT respiration, has oligo(s) antisense to specific gene(s) or its
PT corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
PT ubiquinone.
XX
XX Disclosure; SEQ ID NO 3213; 872pp; English.
XX
XX The invention relates to a novel pharmaceutical composition, which has a
CC first active agent comprising an oligonucleotide antisense to the
CC initiation codon, coding region, 5' or 3' end genomic flanking regions,
CC 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of
CC junctions of genes encoding a polypeptide associated with lung and/or
CC nasal airway dysfunction and a second active agent comprising an
CC antiinflammatory steroid and ubiquinone. A composition of the invention
CC has antiinflammatory, antiallergic, antiasthmatic, hypotensive,
CC immunosuppressive, and cytostatic activity. The composition may have a
CC use in antisense gene therapy. The composition is useful for treating or
CC preventing a respiratory, lung or malignant disease or condition, also
CC for enhancing the prophylactic or therapeutic respiratory effect of an
CC antiinflammatory steroid in a subject, for reducing or depleting levels
CC of, or reducing sensitivity to adenosine, reducing levels of adenosine
CC receptor, producing bronchodilation, increasing levels of ubiquinone or
CC lung surfactant in a subject's tissue, or treating bronchoconstriction,
CC lung inflammation, lung allergies, or a respiratory disease or condition.
CC Note: The sequence data for this patent is not represented in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 20 BP; 3 A; 9 C; 3 G; 5 T; 0 U; 0 Other;
S
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 516 GGAGAAGCTGACC 528
DB 16 GGAGAAGCTGACC 4
|||||
RESULT 2165
ABZ84778/c
ID ABZ84778 standard; DNA; 20 BP.
XX
XX ABZ84778;
AC
XX 17-OCT-2003 (first entry)
DT
XX Human oligonucleotide sequence.
DE
XX
KW Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
KW antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;

KW antisense gene therapy; respiratory; lung; adenosine sensitivity;
KW adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
XX lung inflammation; respiratory disease; ds.
XX Homo sapiens.
OS
XX WO200285308-A2.
PN
XX
PD 31-OCT-2002.
XX
XX 23-APR-2002; 2002WO-US013135.
XX
XX 24-APR-2001; 2001US-0286137P.
XX
XX (EPIG-) EPIGENESIS PHARM INC.
PA
XX
PI Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;
PI Miller S, Tang L, Shahabuddin S;
XX
XX WPI; 2003-229219/22.
DR
XX
XX Pharmaceutical composition for treating ailments associated with impaired
PT respiration, has oligo(s) antisense to specific gene(s) or its
PT corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
PT ubiquinone.
XX
XX Claim 15; SEQ ID NO 20; 872pp; English.
PS
XX
XX The invention relates to a novel pharmaceutical composition, which has a
CC first active agent comprising an oligonucleotide antisense to the
CC initiation codon, coding region, 5' or 3' end genomic flanking regions,
CC 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of
CC junctions of genes encoding a polypeptide associated with lung and/or
CC nasal airway dysfunction and a second active agent comprising an
CC antiinflammatory steroid and ubiquinone. A composition of the invention
CC has antiinflammatory, antiallergic, antiasthmatic, hypotensive,
CC immunosuppressive, and cytostatic activity. The composition may have a
CC use in antisense gene therapy. The composition is useful for treating or
CC preventing a respiratory, lung or malignant disease or condition, also
CC for enhancing the prophylactic or therapeutic respiratory effect of an
CC antiinflammatory steroid in a subject, for reducing or depleting levels
CC of, or reducing sensitivity to adenosine, reducing levels of adenosine
CC receptor, producing bronchodilation, increasing levels of ubiquinone or
CC lung surfactant in a subject's tissue, or treating bronchoconstriction,
CC lung inflammation, lung allergies, or a respiratory disease or condition.
CC Note: The sequence data for this patent is not represented in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 20 BP; 6 A; 4 C; 5 G; 5 T; 0 U; 0 Other;
SQ
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 993 GRACCTGCTCATC 1005
Db
13 GRACCTGCTCATC 1
RESULT 2166
ABZ92731/c
ID ABZ92731 standard; DNA; 20 BP.
XX
XX ABZ92731;
AC
XX
XX 17-OCT-2003 (first entry)
DT
XX
XX Human oligonucleotide sequence.
DE
XX
XX Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
KW antiasthmatic; hypotensive; immunosuppressive; cytostatic; gene therapy;
KW

KW antisense gene therapy; respiratory; lung; adenosine sensitivity;
KW adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
XX lung inflammation; respiratory disease; ds.
XX Homo sapiens.
OS
XX WO200285308-A2.
PN
XX
PD 31-OCT-2002.
XX
XX 23-APR-2002; 2002WO-US013135.
XX
XX 24-APR-2001; 2001US-0286137P.
XX
XX (EPIG-) EPIGENESIS PHARM INC.
PA
XX
PI Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;
PI Miller S, Tang L, Shahabuddin S;
XX
XX WPI; 2003-229219/22.
DR
XX
XX Pharmaceutical composition for treating ailments associated with impaired
PT respiration, has oligo(s) antisense to specific gene(s) or its
PT corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
PT ubiquinone.
XX
XX Disclosure; SEQ ID NO 7973; 872pp; English.
PS
XX
XX The invention relates to a novel pharmaceutical composition, which has a
CC first active agent comprising an oligonucleotide antisense to the
CC initiation codon, coding region, 5' or 3' end genomic flanking regions,
CC 5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of
CC junctions of genes encoding a polypeptide associated with lung and/or
CC nasal airway dysfunction and a second active agent comprising an
CC antiinflammatory steroid and ubiquinone. A composition of the invention
CC has antiinflammatory, antiallergic, antiasthmatic, hypotensive,
CC immunosuppressive, and cytostatic activity. The composition may have a
CC use in antisense gene therapy. The composition is useful for treating or
CC preventing a respiratory, lung or malignant disease or condition, also
CC for enhancing the prophylactic or therapeutic respiratory effect of an
CC antiinflammatory steroid in a subject, for reducing or depleting levels
CC of, or reducing sensitivity to adenosine, reducing levels of adenosine
CC receptor, producing bronchodilation, increasing levels of ubiquinone or
CC lung surfactant in a subject's tissue, or treating bronchoconstriction,
CC lung inflammation, lung allergies, or a respiratory disease or condition.
CC Note: The sequence data for this patent is not represented in the printed
CC specification, but was obtained in electronic format directly from WIPO
CC at ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 20 BP; 3 A; 6 C; 5 G; 6 T; 0 U; 0 Other;
SQ
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1301 AGGAGTTCAGAC 1313
Db
20 AGGAGTTCAGAC 8
RESULT 2167
ADA66484
ID ADA66484 standard; DNA; 20 BP.
XX
XX ADA66484;
AC
XX
XX 20-NOV-2003 (first entry)
DT
XX
XX Transforming growth factor-beta 3 antisense oligonucleotide, SEQ ID 43.
DE
XX
XX Cytostatic; antirheumatic; antiarthritic; gynecological;
KW antiarteriosclerotic; Transforming Growth Factor beta-3; TGF beta-3;
KW hyperproliferative disorder; cancers; atherosclerosis;
KW

```
KW rheumatoid arthritis; preeclampsia; fibrosis; phosphorothioate; ss.
XX Synthetic.
OS
FH Key Location/Qualifiers
FT modified_base 1..20
FT /*tag= a
FT /mod_base= OTHER
FT /note= "This oligonucleotide has a phosphorothioate
FT backbone and 2'-methoxyethyl (2'-MOE) wings at the 5',
FT and 3' ends, which are 5 nucleotides in length. Also all
FT cytidine residues are 5-methylcytidines"
XX
XX WO2003008544-A2.
XX
XX 30-JAN-2003.
XX
XX 12-JUL-2002; 2002WO-US022423.
XX
XX 14-JUL-2001; 2001US-00306158.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Monia BP, Freier SM;
XX
XX WPI; 2003-229569/22.
XX
XX Novel antisense compound which is targeted to nucleic acid encoding
XX transforming growth factor beta-3, and inhibits expression of TGF-beta 3,
XX useful for treating a condition associated with TGF-beta 3, e.g. cancer.
XX
XX Claim 3; Page 87; 154pp; English.
XX
XX The present invention relates to antisense oligonucleotides (ADA66459-
XX ADA66609), which inhibit transforming Growth Factor (TGF) beta-3
XX expression. The oligonucleotides are useful for inhibiting the expression
XX of TGF-beta3 in cells or tissues, and for treating an animal having a
XX disease condition associated with TGF-beta3, e.g. a hyperproliferative
XX disorder such as cancers of lung, liver, colon, oesophagus, pancreas,
XX breast, skin or haematopoietic, atherosclerosis, rheumatoid arthritis,
XX preeclampsia and fibrosis.
XX
XX Sequence 20 BP; 7 A; 5 C; 4 G; 4 T; 0 U; 0 Other;
XX
XX Query Match 0.7%; Score 13; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred.No. 1.2e+03;
XX Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 451 TCCACTGAGGACA 463
XX |||||
XX 1 TCCACTGAGGACA 13
XX
XX RESULT 2168
XX ACC82803
XX ID ACC82803 standard; DNA; 20 BP.
XX
XX ACC82803;
XX
XX 27-AUG-2003 (first entry)
XX
XX Human PLA2 antisense oligonucleotide, ISIS 127972.
XX
XX Human; phospholipase A2; PLA2; calcium dependent phospholipase A2;
XX PLA2G5; hPLA2; hPLA2-10; therapy; autoimmune disorder; prophylaxis;
XX inflammatory disorder; antisense; phosphorothioate backbone; ss.
XX
XX Homo sapiens.
XX Synthetic.
XX
XX Key Location/Qualifiers
XX modified_base 1..20
XX /*tag= a
```

```
FT /mod_base= OTHER
FT /note= "Phosphorothioate backbone; All cytidines are 5-
FT methylcytidines"
FT modified_base 1..5
FT /*tag= b
FT /mod_base= OTHER
FT /note= "2'-methoxyethyl nucleotides"
FT modified_base 16..20
FT /*tag= c
FT /mod_base= OTHER
FT /note= "2'-methoxyethyl nucleotides"
XX
XX WO2003038050-A2.
XX
XX 08-MAY-2003.
XX
XX 28-OCT-2002; 2002WO-US034654.
XX
XX 01-NOV-2001; 2001US-00016149.
XX
XX (ISIS-) ISIS PHARM INC.
XX
XX Bennett CF, Wyatt JR;
XX
XX WPI; 2003-430513/40.
XX
XX New antisense oligonucleotides for modulating phospholipase A2 group V
XX gene expression, particularly useful for treating an autoimmune disorder
XX or an inflammatory disorder.
XX
XX Example 15; Page 74; 99pp; English.
XX
XX The invention relates to antisense compounds, compositions and methods
XX for modulating phospholipase A2 (PLA2) group V gene expression. PLA2 is
XX also known as calcium dependent phospholipase A2, PLA2G5, hPLA2 and
XX hPLA2-10. The antisense oligonucleotide is useful for treating an animal
XX having a disease or conditions associated with PLA2 group V, e.g. an
XX autoimmune disorder or an inflammatory disorder. It is also useful for
XX modulating PLA2 group V. The antisense compounds are also useful for
XX diagnostics, therapeutics, prophylaxis, or as research reagents or kits.
XX The present sequence is an antisense oligonucleotide targeted to human
XX PLA2 DNA. This sequence is used to illustrate the method of the invention
XX
XX Sequence 20 BP; 3 A; 7 C; 4 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 0.7%; Score 13; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred.No. 1.2e+03;
XX Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX Qy 1035 CTTTGGCCTGGCC 1047
XX |||||
XX 3 CTTTGGCCTGGCC 15
XX
XX Db
XX
XX RESULT 2169
XX ABV76834/c
XX ID ABV76834 standard; DNA; 20 BP.
XX
XX AC ABV76834;
XX
XX 12-FEB-2003 (first entry)
XX
XX Primer used to amplify a lymphotoxin-alpha (LT-alpha) cDNA fragment.
XX
XX Arthritic condition; CD21L; lymphotoxin-beta; chemoattractant; arthritis;
XX LT-alpha; lymphotoxin-alpha; PCR; primer; ss.
XX
XX Homo sapiens.
XX
XX WO200280010-A1.
XX
XX 10-OCT-2002.
XX
```


Example 1; Page 20; 83pp; English.

The present invention relates to adenoviral vectors comprising an adenovirus gene under transcriptional control of a cell type-specific transcriptional response element (TRE). Example TREs given in the specification include human prostate-specific antigen (PSA) TRE, human glandular kallikrein (hK1K) TRE, rat probastin (PB) TRE, human carcinoembryonic antigen (CEA) TRE, and human mucin-like glycoprotein DF3 (MUC1) TRE. The modified adenovirus vector is useful as a vehicle for introducing new genetic capability, particularly associated with cytotoxicity for treating neoplasia. For example, the vector may be used in a target cell to suppress tumour growth, or to kill the target cell. The vector is particularly useful in gene therapy. The present sequence represents a PCR primer used in the examples of the present invention

Sequence 20 BP; 4 A; 4 C; 4 G; 8 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 ATGCACAACTGGA 913
Dd |||||
17 ATGCACAACTGGA 5

RESULT 2172

ABX70575/c
ID ABX70575 standard; DNA; 20 BP.

XX AC ABX70575;

DT 03-MAR-2003 (first entry)

DE PCR primer #1 for DNA encoding human NOV33a.

XX Human; NOVX; G-protein coupled receptor; GPCR; cancer; cytostatic;
KW real time quantitative PCR; RTQ PCR; primer; ss.

XX Homo sapiens.

XX WO200279398-A2.

PD 10-OCT-2002.

XX 08-MAR-2002; 2002WO-US007355.

PR 08-MAR-2001; 2001US-0274194P.

PR 08-MAR-2001; 2001US-0274281P.

PR 09-MAR-2001; 2001US-0274322P.

PR 09-MAR-2001; 2001US-0274849P.

PR 13-MAR-2001; 2001US-0275578P.

PR 13-MAR-2001; 2001US-0275579P.

PR 13-MAR-2001; 2001US-0275601P.

PR 14-MAR-2001; 2001US-0276000P.

PR 16-MAR-2001; 2001US-0276776P.

PR 19-MAR-2001; 2001US-0276994P.

PR 20-MAR-2001; 2001US-0277239P.

PR 20-MAR-2001; 2001US-0277327P.

PR 21-MAR-2001; 2001US-0277338P.

PR 21-MAR-2001; 2001US-0277791P.

PR 22-MAR-2001; 2001US-0277833P.

PR 23-MAR-2001; 2001US-0278152P.

PR 26-MAR-2001; 2001US-0278894P.

PR 27-MAR-2001; 2001US-0278999P.

PR 27-MAR-2001; 2001US-0279036P.

PR 30-MAR-2001; 2001US-0280233P.

PR 02-APR-2001; 2001US-0280802P.

PR 02-MAY-2001; 2001US-0288052P.

PR 02-MAY-2001; 2001US-0288066P.

PR 02-MAY-2001; 2001US-0288228P.

PR 17-MAY-2001; 2001US-0291766P.

PR 07-JUN-2001; 2001US-0296693P.

PR 08-JUN-2001; 2001US-0296856P.
PR 05-JUL-2001; 2001US-0303230P.
PR 05-JUL-2001; 2001US-0303237P.
PR 08-AUG-2001; 2001US-0310913P.
PR 13-AUG-2001; 2001US-0311978P.
PR 14-AUG-2001; 2001US-0312191P.
PR 16-AUG-2001; 2001US-0312916P.
PR 17-AUG-2001; 2001US-0313182P.
PR 20-AUG-2001; 2001US-0313626P.
PR 21-AUG-2001; 2001US-0314018P.
PR 27-AUG-2001; 2001US-0315227P.
PR 10-SEP-2001; 2001US-0318403P.
PR 10-SEP-2001; 2001US-0318510P.
PR 14-SEP-2001; 2001US-0322296P.
PR 14-SEP-2001; 2001US-0322360P.
PR 27-SEP-2001; 2001US-0325378P.
PR 09-NOV-2001; 2001US-0332486P.
PR 09-NOV-2001; 2001US-0345399P.
PR 07-MAR-2002; 2002US-00094886.

(CURA-) CURAGEN CORP.

PI Kekuda R, Tchernev VT, Liu X, Spytek KA, Patturajan M;
PI Burgess CE, Vernet CAM, Li L, Gorman L, Malyankar UM, Boldog FL;
PI Guo X, Shenoy SG, Padigaru M, Taupier RJ, Miller CE, Casman SJ;
PI Pena CE, Gangolli EA, Gusev V, Smithson G, Zerhusen BD, Gerlach V;
PI Pochart PF, Fernandes ER, Shinkets RA, Rastelli L, Spaderna SK,
PI Larochele WJ, Zhong M, Khrantsov NV, Voss EZ, Herrmann JL;
XX WPI; 2003-058423/05.

DR NOVX polypeptides and polynucleotides, useful for treating a syndrome
XX related to a human disease associated with the NOVX polypeptide e.g.,
XX cancer.
XX Example 47; Page 358; 413pp; English.

PS The present invention relates to the isolation of novel human

CC polypeptides referred to as NOVX (NOV1-NOV44), variants of these
CC proteins, and the polynucleotide sequences encoding them. The NOVX
CC proteins of the invention are G-protein coupled receptor (GPCR) related
CC proteins. The sequences of the invention are useful in the manufacture of
CC a medicament for treating a syndrome related to a human disease
CC associated with the polypeptides e.g. cancer. The present sequence
CC represents a PCR primer used in a real time quantitative (RTQ) PCR
CC reaction for DNA encoding a human NOVX protein

XX Sequence 20 BP; 5 A; 4 C; 7 G; 4 T; 0 U; 0 Other;

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 CCATCTCAGCTCTG 319

Dd |||||
16 CCATCTCAGCTCTG 4

RESULT 2173

ABX74962/c

ID ABX74962 standard; DNA; 20 BP.

XX AC ABX74962;

XX 25-MAR-2003 (first entry)

DE Human gene 216 polymorphism detection PCR primer #19.

XX Human; mouse; ss; primer; gene 216; antiasthmatic; antiinflammatory;
KW anorectic; chromosome 20p13-p12; single nucleotide polymorphism; SNP;
KW gene therapy; respiratory disease; asthma; obesity; PCR;
KW bronchial hyper-responsiveness; chronic obstructive pulmonary disease;
KW adult respiratory distress syndrome; inflammatory bowel syndrome.

```
XX OS Homo sapiens.
XX PN WO200283077-A2.
XX PD 24-OCT-2002.
XX PF 15-APR-2002; 2002WO-US012063.
XX PR 13-APR-2001; 2001US-00834597.
XX PS 13-APR-2001; 2001WO-US012245.
XX PA (SCHE ) SCHERING CORP.
XX PB (GENO-) GENOME THERAPEUTICS CORP.
XX PI Keith T, Little RD, Van Berdewegh P, Dupuis J, Del Mastro RG;
XX PJ Simon J, Allen K, Pandit S;
XX DR WPI; 2003-092960/08.
XX PT New isolated gene 216 nucleic acids, useful for diagnosing, preventing or
XX PT treating a disorder, such as asthma, bronchial hyper-responsiveness,
XX PT chronic obstructive pulmonary disease, obesity or inflammatory bowel
XX PT syndrome.
XX PS Example 10; Page 154; 650pp; English.
XX CC This invention relates to a novel isolated nucleic acid, gene 216,
XX CC identified from human chromosome 20p13-p12. The invention also discloses
XX CC regions of the 216 gene that contain single nucleotide polymorphisms
XX CC (SNP's) which may be used as markers for disease susceptibility or
XX CC severity. The nucleotides of the invention may have antiasthmatic,
XX CC antiinflammatory or anorectic activities and may be used in gene therapy.
XX CC The nucleic acids, antibodies or its fragments are useful for diagnosing,
XX CC preventing or treating a disorder, such as respiratory diseases (e.g.
XX CC asthma, bronchial hyper-responsiveness, chronic obstructive pulmonary
XX CC disease or adult respiratory distress syndrome), obesity, or inflammatory
XX CC bowel syndrome. The nucleic acids are also useful for identifying
XX CC increased susceptibility of a subject to the disorders mentioned. The
XX CC nucleic acids can also be used as primers and templates for the
XX CC recombinant production of disorder-associated peptides or polypeptides,
XX CC for chromosome and gene mapping, or for tissue distribution studies. The
XX CC present sequence represents a gene 216 specific PCR primer used in the
XX CC scope of the invention
XX SQ Sequence 20 BP; 3 A; 6 C; 5 G; 6 T; 0 U; 0 Other;
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1255 TTAGGACCCCAA 1267
Db 17 TTAGGAACCCCAA 5
RESULT 2174
ABX75057/C
ID ABX75057 standard; DNA; 20 BP.
XX AC ABX75057;
XX DT 25-MAR-2003 (first entry)
XX DE Human gene 216 polymorphism detection PCR primer #114.
XX KW Human; mouse; ss; primer; gene 216; antiasthmatic; antiinflammatory;
XX KW anorectic; chromosome 20p13-p12; single nucleotide polymorphism; SNP;
XX KW gene therapy; respiratory disease; asthma; obesity; PCR;
XX KW bronchial hyper-responsiveness; chronic obstructive pulmonary disease;
XX KW adult respiratory distress syndrome; inflammatory bowel syndrome.
XX OS Homo sapiens.
```

```
XX PN WO200283077-A2.
XX PD 24-OCT-2002.
XX PF 15-APR-2002; 2002WO-US012063.
XX PR 13-APR-2001; 2001US-00834597.
XX PS 13-APR-2001; 2001WO-US012245.
XX PA (SCHE ) SCHERING CORP.
XX PB (GENO-) GENOME THERAPEUTICS CORP.
XX PI Keith T, Little RD, Van Berdewegh P, Dupuis J, Del Mastro RG;
XX PJ Simon J, Allen K, Pandit S;
XX DR WPI; 2003-092960/08.
XX PT New isolated gene 216 nucleic acids, useful for diagnosing, preventing or
XX PT treating a disorder, such as asthma, bronchial hyper-responsiveness,
XX PT chronic obstructive pulmonary disease, obesity or inflammatory bowel
XX PT syndrome.
XX PS Example 10; Page 156; 650pp; English.
XX CC This invention relates to a novel isolated nucleic acid, gene 216,
XX CC identified from human chromosome 20p13-p12. The invention also discloses
XX CC regions of the 216 gene that contain single nucleotide polymorphisms
XX CC (SNP's) which may be used as markers for disease susceptibility or
XX CC severity. The nucleotides of the invention may have antiasthmatic,
XX CC antiinflammatory or anorectic activities and may be used in gene therapy.
XX CC The nucleic acids, antibodies or its fragments are useful for diagnosing,
XX CC preventing or treating a disorder, such as respiratory diseases (e.g.
XX CC asthma, bronchial hyper-responsiveness, chronic obstructive pulmonary
XX CC disease or adult respiratory distress syndrome), obesity, or inflammatory
XX CC bowel syndrome. The nucleic acids are also useful for identifying
XX CC increased susceptibility of a subject to the disorders mentioned. The
XX CC nucleic acids can also be used as primers and templates for the
XX CC recombinant production of disorder-associated peptides or polypeptides,
XX CC for chromosome and gene mapping, or for tissue distribution studies. The
XX CC present sequence represents a gene 216 specific PCR primer used in the
XX CC scope of the invention
XX SQ Sequence 20 BP; 3 A; 6 C; 5 G; 6 T; 0 U; 0 Other;
Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1255 TTAGGACCCCAA 1267
Db 17 TTAGGAACCCCAA 5
RESULT 2175
AAL62661/C
ID AAL62661 standard; DNA; 20 BP.
XX AC AAL62661;
XX DT 06-OCT-2003 (first entry)
XX DE Human CD36 antigen-like 1 (CD36L1) antisense oligo, ISIS 199328.
XX KW Human; CD36 antigen-like 1; CD36L1; scavenger receptor class B type 1;
XX KW CLA-1; SRB1; SR-BI; cardiovascular; metabolic disorder; atherosclerosis;
XX KW lipid metabolism; gene therapy; phosphorothioate backbone; antisense; ss.
XX OS Homo sapiens.
XX OS Synthetic.
XX FH Key modified_base 1. .20
XX PT Location/Qualifiers
```



```
FT FT /*tag= a
FT FT /mod_base= OTHER
FT FT /note= "Phosphorothioate backbone; All cytidines are 5-
FT FT methylcytidines"
FT FT 1. .5
FT FT /*tag= b
FT FT /mod_base= OTHER
FT FT /note= "2'methoxyethyl nucleotides"
FT FT 16. .20
FT FT /*tag= c
FT FT /mod_base= OTHER
FT FT /note= "2'methoxyethyl nucleotides"
XX WO2003052062-A2.
XX
XX PD 26-JUN-2003.
XX
XX PF 09-DEC-2002; 2002WO-US039183.
XX
XX PR 18-DEC-2001; 2001US-00024396.
XX
XX PA (ISIS-) ISIS PHARM INC.
XX
XX PI Dobie KW;
XX
XX DR WPI; 2003-533006/50.
XX
XX PT New compound, having a sequence targeted to a nucleic acid encoding
XX PT hyperproliferative or autoimmune disorders.
XX
XX PS Example 15; Page 81; 122pp; English.
XX
XX CC The invention relates to antisense compounds, compositions and methods
XX CC for modulating the expression of class B scavenger receptor, CD36 antigen
XX CC -like 1 (CD36L1). CD36L1 is also known as scavenger receptor class B type
XX CC 1 (SRB1), CLA-1 and mouse homologue, SR-B1. The antisense compound is
XX CC useful for preparing a composition for treating metabolic or
XX CC cardiovascular disorder, e.g. altered lipid metabolism or
XX CC atherosclerosis. It is also used in gene therapy. The present sequence is
XX CC an antisense oligonucleotide targeted to human CD36L1 DNA. This sequence
XX CC is used to illustrate the method of the invention
XX
XX SQ Sequence 20 BP; 3 A; 7 C; 4 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 0.7%; Score 13; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred. No. 1.2e+03;
XX Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 626 TGGACAAACTGGG 638
XX DB 13 TGGACAAACTGGG 1
XX
XX RESULT 2176
XX ACDD05067/C
XX ID ACDD05067 standard; DNA; 20 BP.
XX
XX AC ACDD05067;
XX
XX DT 05-AUG-2003 (first entry)
XX
XX DE Tumour necrosis factor alpha antisense oligonucleotide #72.
XX
XX KW Tumour necrosis factor alpha; TNF-alpha; antiinflammatory; antirheumatic;
XX KW antiarthritic; antidiabetic; dermatological; hepatotropic; antiasthmatic;
XX KW inflammatory disorder; inflammatory bowel disease; Crohn's disease;
XX KW colitis; rheumatoid arthritis; diabetes; pancreatitis;
XX KW multiple sclerosis; atopic dermatitis; asthma; hepatitis;
XX KW antisense technology; ss.
XX
XX OS Synthetic.
XX
XX PI
```

```
PN US2003022848-A1.
XX
XX PD 30-JAN-2003.
XX
XX PF 02-APR-2001; 2001US-00824322.
XX
XX PR 05-OCT-1998; 98US-00166186.
XX PR 18-MAY-1999; 99US-00313932.
XX
XX PA (BAKE/) BAKER B F.
XX PA (BENN/) BENNETT C F.
XX PA (BUTL/) BUTLER M M.
XX PA (SHAN/) SHANAHAN W R.
XX
XX PI Baker BF, Bennett CF, Butler MM, Shanahan WR;
XX
XX DR WPI; 2003-447433/42.
XX
XX PT Treating inflammatory disorders such as inflammatory bowel disease,
XX PT Crohn's disease or rheumatoid arthritis, in a subject, by administering
XX PT oligonucleotide which inhibits expression of human tumor necrosis factor
XX PT alpha.
XX
XX PS Example 6; Page 18; 142pp; English.
XX
XX CC The invention describes a method of treating an inflammatory disorder in
XX CC an individual, comprising administering to the individual an
XX CC oligonucleotide upto 30 nucleotides in length complementary to a nucleic
XX CC acid molecule encoding human tumor necrosis factor (TNF)-alpha. The
XX CC method is useful for treating an inflammatory disorder such as
XX CC inflammatory bowel disease, Crohn's disease, colitis or rheumatoid
XX CC arthritis, in an individual. The method is also useful for treating
XX CC diabetes, pancreatitis, multiple sclerosis, atopic dermatitis, asthma,
XX CC and hepatitis in an individual. This sequence represents an antisense
XX CC oligonucleotide used to modulate expression of tumour necrosis factor
XX CC alpha (TNF-alpha)
XX
XX SQ Sequence 20 BP; 1 A; 8 C; 5 G; 6 T; 0 U; 0 Other;
XX
XX Query Match 0.7%; Score 13; DB 1; Length 20;
XX Best Local Similarity 100.0%; Pred. No. 1.2e+03;
XX Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX QY 1222 GTGGAGGAGACAGC 1234
XX DB 20 GTGGAGGAGACAGC 8
XX
XX RESULT 2177
XX ADE06718/C
XX ID ADE06718 standard; DNA; 20 BP.
XX
XX AC ADE06718;
XX
XX DT 29-JAN-2004 (first entry)
XX
XX DE Hepatitis E virus RT-PCR primer HE5-5.
XX
XX KW hepatitis E virus; chips; kit; detection; ss; primer.
XX
XX OS Hepatitis E virus.
XX
XX PN WO2003000887-A1.
XX
XX PD 03-JAN-2003.
XX
XX PF 25-JUN-2002; 2002WO-JP006365.
XX
XX PR 25-JUN-2001; 2001JP-00191837.
XX
XX PA (TOKE ) TOSHIBA KK.
XX
XX PI Takahashi K, Mishihiro S, Oota Y, Hashimoto M, Maekubo H;
```


QY 595 GGCTTTGGGAAC 607
Db 1 GGCTTTGGGAAC 13

RESULT 2180
AAQ06520/c
ID AAQ06520 standard; DNA; 19 BP.
XX AC AAQ06520;
XX 25-MAR-2003 (revised)
DT 22-FEB-1991 (first entry)
XX DE Probe/primer TB-9 derived from mycobacterial gene.
XX KW mycobacterial antigen; actinomycetales; tuberculosis; ss.
XX OS Synthetic.
XX PN W09012875-A.
XX PD 01-NOV-1990.
XX PF 17-APR-1989; 89FR-00005057.
XX PR 17-APR-1989; 89FR-00005057.
XX PA (INRM) INSERM INST NAT SANTE & RECH MED.
XX PA (INSP) INST PASTEUR.
XX PI Hance A, Grandchamp B, Levyfriebau V, Gicouel B;
XX WPI; 1990-348478/46.
XX Nucleotide sequences of actinomycetales - used as primers for synthesis
PT of DNA of actinomycetales.
XX Claim 29; Page 40; 61pp; French.
XX This sequence is based on a fragment of a mycobacterial gene which
CC encodes a protein homologous to the 65KD antigen of mycobacterium. TB-9
CC is used in a pair with another primer to amplify mycobacterial genes to
CC detect mycobacteria. The oligonucleotide can also be used as a labelled
CC probe to detect amplified mycobacterial sequences. See also AAQ06505-
CC Q06519, AAQ06521-Q06523 and IAR08336. (Updated on 25-MAR-2003 to correct
CC PA field.) (Updated on 25-MAR-2003 to correct PI field.)
XX SQ Sequence 19 BP; 4 A; 7 C; 6 G; 2 T; 0 U; 0 Other;
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 198 TGGTGGCCCTGAGCAG 213
Db 17 TGGGCGCCCTGAGCAG 2

RESULT 2181
ABZ88226
ID ABZ88226 standard; DNA; 20 BP.
XX AC ABZ88226;
XX 17-OCT-2003 (first entry)
XX DE Human oligonucleotide sequence.
XX Human; antisense; lung dysfunction; nasal airway dysfunction;
KW antiinflammatory steroid; ubiquinone; antiinflammatory; antiallergic;
KW antiallergic; hypotensive; immunosuppressive; cycostatic; gene therapy;
KW antisense gene therapy; respiratory; lung; adenosine sensitivity;

adenosine receptor; bronchodilation; bronchoconstriction; lung allergy;
lung inflammation; respiratory disease; ds.
Homo sapiens.
W0200285308-A2.
31-OCT-2002.
23-APR-2002; 2002WO-US013135.
24-APR-2001; 2001US-0286137P.
(EPIG-) EPIGENESIS PHARM INC.
Nyce JW, Li Y, Sandrasagra A, Katz E, Pabalan J, Aguilar D;
Miller S, Tang L, Shahabuddin S;
WPI; 2003-229219/22.
Pharmaceutical composition for treating ailments associated with impaired
respiration, has oligo(s) antisense to specific gene(s) or its
corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
ubiquinone.
Disclosure; SEQ ID NO 3468; 872pp; English.
The invention relates to a novel pharmaceutical composition, which has a
first active agent comprising an oligonucleotide antisense to the
initiation codon, coding region, 5' or 3' end genomic flanking regions,
5' and 3' intron-exon junctions, or regions within 2-10 nucleotides of
junctions of genes encoding a polypeptide associated with lung and/or
nasal airway dysfunction and a second active agent comprising an
antiinflammatory steroid and ubiquinone. A composition of the invention
has antiinflammatory, antiallergic, antiasthmatic, hypotensive,
immunosuppressive, and cytostatic activity. The composition may have a
use in antisense gene therapy. The composition is useful for treating or
preventing a respiratory, lung or malignant disease or condition, also
for enhancing the prophylactic or therapeutic respiratory effect of an
antiinflammatory steroid in a subject, for reducing or depleting levels
of, or reducing sensitivity to adenosine, reducing levels of adenosine or
receptor, producing bronchodilation, increasing levels of ubiquinone or
lung surfactant in a subject's tissue, or treating bronchoconstriction,
lung inflammation, lung allergies, or a respiratory disease or condition.
Note: The sequence data for this patent is not represented in the printed
specification, but was obtained in electronic format directly from WIPO
at ftp.wipo.int/pub/published_pct_sequences
XX SQ Sequence 20 BP; 2 A; 8 C; 6 G; 4 T; 0 U; 0 Other;
Query Match 0.7%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1664 CTCACGGGCGAGCCCC 1679
Db 2 CTTTCAGGGCAGCCCC 17

RESULT 2182
ADA44761/c
ID ADA44761 standard; DNA; 20 BP.
XX AC ADA44761;
XX 20-NOV-2003 (first entry)
XX DE Antisense oligonucleotide #ISIS 115433 #SEQ ID 59.
XX Antisense oligonucleotide; cycostatic; immunosuppressive;
KW antiinflammatory; gene therapy; hyperproliferative disorder; cancer;
KW autoimmune; inflammatory disorder; inhibitor-kappa B kinase-gamma; ss;
human.

```
XX OS Homo sapiens.
XX FH
XX DE Location/Qualifiers
XX FT modified_base
XX FT 1..20
XX FT /*tag= b
XX FT /mcd_base= OTHER
XX FT /note= "Phosphorothioate linkages, all cytosines are 5-
XX FT methylycytosine"
XX FT modified_base
XX FT 1..5
XX FT /*tag= a
XX FT /mcd_base= OTHER
XX FT /note= "2'-methoxyethyl (2'-MOE) nucleotides"
XX FT modified_base
XX FT 15..20
XX FT /*tag= c
XX FT /mcd_base= OTHER
XX FT /note= "2'-methoxyethyl (2'-MOE) nucleotides"
XX FT WO2003031576-A2.
XX PN
XX PD 17-APR-2003.
XX PF 03-OCT-2002; 2002WO-US031809.
XX PR 06-OCT-2001; 2001US-00972607.
XX PA (ISIS-) ISIS PHARM INC.
XX PI Monia BP, Wyatt JR;
XX PS WPI; 2003-457242/43.
XX DR
XX PT New compound having sequence targeted to nucleic acid encoding inhibitor-
XX PT kappa B kinase-gamma, useful for preparing composition for treating e.g.,
XX PT cancer, or inflammatory or autoimmune disorder.
XX PS Example 15; Page 77; 106pp; English.
XX CC The invention relates to an antisense compound that is targeted to a
XX CC nucleic acid encoding inhibitor-kappa B kinase-gamma, specifically
XX CC hybridising to the nucleic acid encoding inhibitor-kappa B kinase-gamma
XX CC and inhibiting its expression. Compounds of the invention are antisense
XX CC oligonucleotides comprising at least one modified internucleoside
XX CC linkage, which is a phosphorothioate linkage, at least one modified sugar
XX CC moiety, which is a 2'-O-methoxyethyl sugar moiety, or at least one
XX CC modified nucleobase, which is a 5-methylcytosine. Preferably, the
XX CC antisense oligonucleotide is a chimeric oligonucleotide. The compound of
XX CC the invention is useful for preparing a composition for treating a
XX CC hyperproliferative disorder e.g., cancer, or an autoimmune or
XX CC inflammatory disorder. The methods are useful for inhibiting the
XX CC expression of inhibitor-kappa B kinase-gamma in cells or tissues, and
XX CC treating an animal having a disease or condition associated with
XX CC inhibitor-kappa B kinase-gamma. Sequences given in ADA44713-ADA44790
XX CC represent antisense oligonucleotides for the inhibition of human
XX CC inhibitor-kappa B kinase-gamma mRNA levels.
XX SQ Sequence 20 BP; 1 A; 9 C; 6 G; 4 T; 0 U; 0 Other;
Query Match 0.7%; Score 12.8; DB 1; Length 20;
Best Local Similarity 87.5%; Pred. No. 1.3e+03;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 513 CCTGGAGAGCTGACC 528
Db 16 CCGGAGAGCTGGCC 1
RESULT 2183
AAZ48738
ID AAZ48738 standard; DNA; 19 BP.
XX AC
XX AC AAZ48738;
XX DE
```

```
DT 15-MAR-2000 (first entry)
XX DE Human alpha1-antitrypsin gene fragment.
XX KW PCR primer; oligonucleotide detection; diagnosis; disease screening; COP;
XX KW competitive oligonucleotide priming; genetic polymorphism detection;
XX KW genetic disease diagnosis; linkage analysis; tissue typing; gene mapping;
XX KW human; alpha1-antitrypsin; ss.
XX OS Homo sapiens.
XX PN EP333465-A.
XX PD 20-SEP-1989.
XX PF 15-MAR-1989; 89EP-00302569.
XX PR 18-MAR-1988; 88US-00170214.
XX PA (BAYU ) BAYLOR COLLEGE MEDICINE.
XX PI Caskey CT, Gibbs RAL;
XX PS WPI; 1989-272222/38.
XX DR
XX PT Detection of mutations in DNA - by adding competitive oligo:nucleotide
XX PT primers to nucleic acids, hybridising, etc.
XX PS Example 4; Page 12; 21pp; English.
XX CC This sequence represents a fragment of the human alpha1-antitrypsin gene
XX CC sequence. The invention relates to a method for detecting the presence or
XX CC absence of a specific known oligonucleotide, or distinguishing between
XX CC specific and different nucleic acid (NA) sequences, comprising: (1)
XX CC addition of at least two oligonucleotide primers to a sample or mixture
XX CC of NA where one primer (a) is substantially complementary to a specific
XX CC NA sequence and the other primer (b) has a single base mismatch with the
XX CC specific sequence; (2) preferentially hybridising (a) to the specific NA
XX CC sequence under competitive conditions; (3) extension of (a) from its 3'
XX CC terminus to produce an extension product complementary to the strand
XX CC hybridised to by (a); and (4) identifying the extension product by
XX CC determining the presence or absence of labels attached to at least one of
XX CC the primers. The method (referred to as competitive oligonucleotide
XX CC priming (COP)) can be used in detecting genetic polymorphisms,
XX CC particularly in detecting genetic diseases, screening for disease
XX CC association by linkage analysis, tissue typing, gene mapping, screening
XX CC for neoplasms, detection of known pathogens, determining purity of animal
XX CC strains, and disease screening in animals. With this method, primers may
XX CC be used that are shorter than those used in PCR, as the binding to
XX CC template is competitive its sequence can be inferred. The target sequence
XX CC of the gene need not be precisely known as only the specific sequence for
XX CC the primers is required
XX SQ Sequence 19 BP; 8 A; 4 C; 4 G; 3 T; 0 U; 0 Other;
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 845 AGTACCTGGACCAAGGACCT 863
Db 1 AGCACCTGGAAAATGNACT 19
RESULT 2184
AAA84464/C
ID AAA84464 standard; DNA; 19 BP.
XX AC
XX AC AAA84464;
XX XX
XX DE 04-DEC-2000 (first entry)
XX DE Cyclin D3 ribozyme binding site #76.
```

```

XX KW Ribozyme; hairpin; hammerhead; gene therapy; vasotropic; restenosis; ss.
XX OS Mammalia.
XX PN WO200032765-A2.
XX PD 08-JUN-2000.
XX PF 06-DEC-1999; 99WO-US028772.
XX PR 04-DEC-1998; 98US-0110954P.
XX PA (IMMU-) IMMUSOL INC.
XX PI Tritz R, Welch PJ, Barber JR, Robbins JM;
XX WPI; 2000-412314/35.
XX PT New hairpin and hammerhead ribozyme for inhibiting restenosis, cleaves
XX RNA encoding a cyclin or cell-cycle dependent kinase other than CDK1,
XX PCNA and Cyclin B1.
XX PS Disclosure; Page 77; 109pp; English.
XX CC The present invention relates to a hairpin or hammerhead ribozyme,
XX designed to cleave RNA encoding a cyclin or cell-cycle dependent kinase
XX other than cell-cycle dependent kinases CDK1, PCNA and Cyclin B1.
XX CC Representative examples of ribozyme recognition sites are given in
XX AAA82415 to AAA86787. The ribozyme of the invention is useful for
XX inhibiting restenosis by introduction of the ribozyme into cells. The
XX ribozyme is resistant to endonuclease activity and hence is efficient in
XX restenosis treatment
XX SQ Sequence 19 BP; 3 A; 9 C; 6 G; 1 T; 0 U; 0 Other;

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 58 TGACTGCTGAAACCCAGGG 76
Db 19 TGGCTGCTGGAGCCCGGG 1

RESULT 2185
AAH59626/c
ID AAH59626 standard; DNA; 19 BP.
XX AC AAH59626;
XX DT 10-SEP-2001 (first entry)
XX DE Cyclin D3 ribozyme binding site SEQ ID NO:2050.
XX KW Human; ribozyme therapy; hairpin ribozyme; hammerhead ribozyme;
XX recognition site; target; ribozyme binding site; eye disease; vulnery;
XX proliferative disease; skin disease; psoriasis; diabetic retinopathy;
XX cytokine; inflammation; cell-cycle dependent kinase; cyclin; MMP;
XX matrix metalloproteinase; growth factor; reductase; scarring; cytosstatic;
XX antiporsiatric; dermatological; antiseborrheic; antidiabetic; virucide;
XX antisickling; ophthalmological; keratolytic; gene therapy; viral wart;
XX atopic dermatitis; actinic keratosis; squamous cell carcinoma;
XX basal cell carcinoma; seborrheic wart; vitreoretinopathy; scar;
XX sickle cell retinopathy; ss.
XX OS Homo sapiens.
XX OS Synthetic.
XX PN WO200130362-A2.
XX XX
XX PD 03-MAY-2001.
XX XX

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```

PF 26-OCT-2000; 2000WO-US029500.
XX XX
XX PR 26-OCT-1999; 99US-0161532P.
XX PA (IMMU-) IMMUSOL INC.
XX PI Robbins JM, Tritz R;
XX WPI; 2001-300427/31.
XX XX
XX PT Treating proliferative skin or eye diseases and scarring, using ribozymes
XX that cleave RNA encoding cytokines involved in inflammation, matrix
XX metalloproteinases, growth factors and cell-cycle dependent kinases.
XX PS Example 1; Page 221; 408pp; English.
XX CC The present invention describes a method for treating a proliferative
XX skin or eye disease and scarring. The method involves administering a
XX ribozyme (I) which cleaves RNA encoding a cytokine involved in
XX inflammation, matrix metalloproteinase (MMP), cyclin, cell-cycle
XX dependent kinase, growth factor or a reductase, or administering a
XX nucleic acid molecule (II) comprising a promoter operably linked to a
XX dermatological, cytostatic, antiseborrheic, antidiabetic, antickling, and
XX ophthalmological, vulnery, keratolytic and virucide activities, and
XX cleaves RNA encoding cytokine involved in inflammation. (I) can be used
XX in gene therapy. (I) and (II) are useful for treating proliferative skin
XX diseases such as psoriasis, atopic dermatitis, actinic keratosis,
XX squamous or basal cell carcinoma and viral or seborrheic wart. They can
XX also be used for treating proliferative eye diseases such as diabetic
XX retinopathy, vitreoretinopathy, sickle cell retinopathy, retinopathy of
XX prematurity and retinal detachment, and for treating and preventing
XX scarring such as keloid, adhesion and hypertrophic or hypertrophic burn
XX scar. AAH57577 to AAH62099 represent sequences used in the
XX exemplification of the present invention
XX SQ Sequence 19 BP; 3 A; 9 C; 6 G; 1 T; 0 U; 0 Other;

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 1.3e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 58 TGACTGCTGAAACCCAGGG 76
Db 19 TGGCTGCTGGAGCCCGGG 1

RESULT 2186
AAL40334/c
ID AAL40334 standard; DNA; 20 BP.
XX AC AAL40334;
XX DT 19-SEP-2002 (first entry)
XX DE Human caspase 6 antisense inhibition related oligo SEQ ID No 53.
XX KW Muscular; cytostatic; neutropic; neuroprotective; ophthalmological;
XX antilipemic; osteopathic; caspase 6; Rieger's syndrome; bone metabolism;
XX ataxia telangiectasia; hyperproliferative disorder; cholesterol disorder;
XX haematopoietic disorder; cancer; neurological; Alzheimer's disease;
XX apoptotic; human; ds.
XX OS Homo sapiens.
XX PN WO200229066-A1.
XX PD 11-APR-2002.
XX PF 03-OCT-2001; 2001WO-US030871.
XX PR 04-OCT-2000; 2000US-00679299.
XX XX

```

PA (ISIS-) ISIS PHARM INC.
PI Brown-Driver VL, Zhang H, Watt AT;
XX WPI; 2002-471315/50.
DR
XX
XX An antisense oligonucleotide of 8 to 50 nucleotides in length that
PT inhibits caspase 6, is useful for treating Rieger's syndrome.
XX
XX Example 15; Page 89; 141pp; English.
XX
XX The invention relates to an antisense oligonucleotide compound of 8 to 50
CC nucleotides in length that is targeted to a nucleic acid molecule
CC encoding caspase 6, where the oligonucleotide specifically hybridises
CC with and inhibits the expression of caspase 6. The oligonucleotide of the
CC invention specifically hybridises to and inhibits expression of caspase 6
CC in cells or tissues. The oligonucleotides can be administered
CC therapeutically or prophylactically to treat an animal having a disease
CC or condition associated with caspase 6, such as Rieger's syndrome or
CC ataxia telangiectasia, hyperproliferative disorder, a haematopoietic
CC disorder, a bone metabolism or cholesterol disorder, various types of
CC cancer, neurological conditions such as Alzheimer's disease and other de-
CC regulated apoptotic pathological conditions. This polynucleotide sequence
CC represents a human caspase 6 oligonucleotide relating to the invention.
CC NOTE: This phosphorothioate oligonucleotide sequence has 2'-MOE wings and
CC a deoxy gap
XX
XX Sequence 20 BP; 5 A; 7 C; 6 G; 2 T; 0 U; 0 Other;
SQ
Query Match 0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 1.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 509 GCTACCTGGAGAGCTGAC 527
DB 20 GCTGCTGCTGAGCTGAC 2
|||||
RESULT 2187
AAQ43226/C
ID AAQ43226 standard; DNA; 22 BP.
XX
XX AAQ43226;
AC
XX 25-MAR-2003 (revised)
DT 13-OCT-1993 (first entry)
XX
XX B-B10 V region primer VBack #1.
DE
XX
XX Complementarity-determining region; CDR; humanised; antibody; hIL2R;
KW human; interleukin; IL-2; receptor; murine; anti-human; Ab; T-cell;
KW monoclonal antibody; B-B10; mixed lymphocyte reaction; variable; V;
KW region; PCR; framework; plasmid; heavy; H; light; L; amplify; primer;
KW polymerase chain reaction; ss.
XX
XX Synthetic.
XX
XX WO9311238-A1.
XX
XX 10-JUN-1993.
XX
XX 03-DEC-1992; 92WO-JP001583.
XX
XX 06-DEC-1991; 91JP-00323319.
XX
XX (SUMU) SUMITOMO PHARM CO LTD.
PA (BIOT) BIOTEST PHARMA GMBH.
PA (INNO-) INNOTHERAPIE LAB.
XX
XX Nakatani T, Gomi H, Wijdenes J, Noguchi H;
PI
XX
XX WPI; 1993-197057/24.
DR
XX

PT Humanised antibody comprising - CDR region of mouse MAB B-B10 specific
PT for IL-2 receptor useful for treating carcinoma expressing IL-2 receptor.
XX
XX Disclosure; Page 44; 62pp; English.
XX
XX The sequences given in AAQ43226-32 are primers which were used in the
CC cloning of DNA encoding the variable (V) regions of the murine anti-
CC human IL-2 receptor monoclonal Ab (MAB) B-B10. This MAB was used in the
CC construction of a humanised antibody (Ab) which binds specifically to
CC human interleukin (IL)-2 receptor (hIL2R). The complementarity-
CC determining regions (CDRs) for the hIL2R MAB were derived from B-B10 (see
CC also AAR37599-04). The hIL2R MAB is antagonistic to the binding of IL-2
CC to the IL-2 receptor on human T-cells. It also inhibits the human mixed
CC lymphocyte reaction. The cDNA encoding the variable (V) region of the B-
CC B10 Ab was cloned by PCR and sequenced (see also AAQ43233-36) A human Ab
CC with high levels of amino acid sequence homology to the murine sequence
CC was selected and a part of the framework of this Ab was bound with the B-B10 V
CC region CDR and a part of the framework to design several kinds of the
CC humanised B-B10 V region. The DNA sequence coding this humanised B-B10
CC was synthesised and a plasmid expressing humanised B-B10 was constructed.
CC (Updated on 25-MAR-2003 to correct PN field.)
XX
SQ Sequence 22 BP; 7 A; 5 C; 7 G; 3 T; 0 U; 0 Other;
Query Match 0.7%; Score 12.6; DB 1; Length 22;
Best Local Similarity 78.9%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1394 CCAAGCTGTTGTCAGTTTGA 1412
DB 22 CCTGCTGCTGTCAGTTTGA 4
|||||
RESULT 2188
AAZ23767/C
ID AAZ23767 standard; DNA; 23 BP.
XX
XX AAZ23767;
AC
XX 14-JAN-2000 (first entry)
DT
XX
XX Cloning vector multiple cloning site 3 DNA.
DE
XX
XX Antisense; DNA library; identification; multiple cloning site; MCS;
KW inhibition; ss.
KW
XX Synthetic.
XX
XX WO9950457-A1.
XX
XX 07-OCT-1999.
XX
XX 28-MAR-1999; 99WO-US006742.
XX
XX 28-MAR-1998; 98US-0079792P.
PR 06-NOV-1998; 98US-0107504P.
XX
XX (UTAH) UNIV UTAH RES FOUND.
PA
XX
XX Ruffner DE, Pierce ML, Chen Z;
PI
XX
XX WPI; 1999-610866/52.
XX
XX Production of antisense libraries, used for identifying antisense agents
PT and for identifying target sites for antisense-mediated inhibition of a
PT selected gene.
XX
XX Claim 3; Page 37; 63pp; English.
XX
XX This invention describes a novel method for generating an antisense
CC library targeted to a selected RNA transcript. The methods can be used
CC for identifying antisense agents and for identifying target sites for
CC antisense-mediated inhibition of a selected gene. The use of a direct

CC Library for target site selection significantly simplifies the screening
CC process, since only very small libraries need be prepared and assayed.
CC AA223765-223767 represent multiple cloning site DNA regions used in the
CC method of the invention
XX
SQ Sequence 23 BP; 8 A; 7 C; 5 G; 3 T; 0 U; 0 Other;

Query Match 0.7%; Score 12.6; DB 1; Length 23;
Best Local Similarity 78.9%; Pred. No. 1.5e+03;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTGACTT 1038

Db 23 GCTGAGCTTGGTGACTCT 5

RESULT 2189

ID AAA14782
AA14782 standard; DNA; 19 BP.

XX AA14782;

AC AA14782;

DT 08-AUG-2000 (first entry)

XX PCR primer used to isolate DNA encoding a decorin binding protein.

DE Decorin binding protein; DbpA; DbpB; adhesin; infection; Lyme disease;
KW spirochete infection; vaccine; passive immunotherapy; PCR primer; ss.

XX Borrelia burgdorferi.

OS WO200021989-A1.

PN 20-APR-2000.

FD 08-OCT-1999; 99WO-US023481.

PF 09-OCT-1998; 98US-0103728P.

PR (MEDI-) MEDIMUNE INC.

XX Hanson MS, Mullikin BA, Roberts W, Lathigra R;

PI WPI; 2000-317936/27.

XX Novel decorin binding proteins, DBP A and B useful as vaccines for
PT protecting humans against Lyme disease and as immunogens for production
PT of antibodies used in passive immunotherapy, or as diagnostic reagents.

PS Disclosure; Page 86; 93pp; English.

CC The present sequence represents a primer which was used to isolate DNA
CC encoding a decorin binding protein (Dbp). The specification describes
CC DbpA and DbpB. DbpA and DbpB are adhesins, and are immunogenic. DbpA is a
CC target for antibody-mediated killing of B. burgdorferi during the early
CC stages of infection. The polypeptides are useful for producing antibodies
CC to diagnose Lyme disease (spirochete infections), or for producing
CC vaccines for prophylaxis and/or treatment of such infections. The
CC antibodies may be useful in passive immunotherapy, as diagnostic reagents
CC and as reagents in other processes such as affinity chromatography
XX
SQ Sequence 19 BP; 8 A; 5 C; 4 G; 2 T; 0 U; 0 Other;

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 1.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1226 AGGACACGCTACAC 1239

Db 4 AGGACACGCTACAC 17

RESULT 2190

AA04627
ID AX04627 standard; DNA; 19 BP.

XX AX04627;

DT 12-APR-1999 (first entry)

XX PCR primer Tu4R used to amplify alpha-tubulin.

DE Gibberellin 4; GA4; beta-hydroxylase; GA4 homologue; GA4H; GA4H1; GA4H2;
KW plant growth hormone; seed germination; stem elongation; flowering;
KW fruiting; stem growth; alpha-tubulin; PCR primer; ss.

XX Synthetic.

XX WO9859057-A1.

XX 30-DEC-1998.

XX 24-JUN-1998; 98WO-US013044.

XX 24-JUN-1997; 97US-0050615P.

XX (GEHO) GEN HOSPITAL CORP.

XX (GOOD/) GOODMAN H M.

XX (NGUY/) NGUYEN L V.

XX (CHIA/) CHIANG H.

XX Goodman HM, Nguyen LV, Chiang H;

XX WPI; 1999-105626/09.

XX New isolated Gibberellin 4 homologues - derived from Arabidopsis plants,

XX used to develop products for altering stem growth, e.g. for enhancing

XX stem elongation, flowering and fruiting.

XX Example 5; Page 33; 106pp; English.

XX PCR primers AX04626-27 were used to amplify the alpha-tubulin 4 gene.
XX The primers are used as an internal control when determining expression
XX of the GA4H1 gene. GA4H1 is a gibberellin 4 (GA4) homologue. The GA4H
XX proteins (GA4H1 and GA4H2) have similar functions to GA4. GA4H is
XX believed to be a member of the enzyme family involved in the biosynthesis
XX of the gibberellin family of plant growth hormones that promote various
XX growth and developmental processes in higher plants, such as seed
XX germination, stem elongation, flowering and fruiting. GA4 is a beta-
XX hydroxylase, and the homologues may also have 3-beta-hydroxylase
XX activity, which is critical for controlling stem elongation. GA4H may be
XX applied to crops to enhance and facilitate stem elongation, flowering and
XX fruiting. Alternatively, the DNA encoding GA4H may be genetically
XX inserted into the plant host to produce a similar effect

XX Sequence 19 BP; 3 A; 6 C; 2 G; 8 T; 0 U; 0 Other;

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 1.4e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1169 GCTGCATCTCTCTAT 1182

Db 3 GCTGCATCTCTCTT 16

RESULT 2191

ACF04494
ID ACF04494 standard; DNA; 20 BP.

XX ACF04494;

XX 04-DEC-2003 (first entry)

XX Real time PCR targeting IL-1ra PCR primer F43.

XX

KW Nucleic acid level determination; PCR; primer; probe; DNA quantification;
KW gene therapy; immunosuppressive; anti-HIV; antiarthritic;
KW neuroprotective; cytostatic; antiallergic; ss.

OS Unidentified.

PN WO2003060119-A2.

XX 24-JUL-2003.

XX 20-JAN-2003; 2003WO-EP000493.

XX 18-JAN-2002; 2002EP-00447009.

XX (ULBR) UNIV LIBRE BRUXELLES.

XX Stordeur P, Goldman M;

XX WPI; 2003-598531/56.

XX Quantifying in vivo RNA from a biological sample for producing a
PT medicament for treating immune related disease by determining in vivo
PT levels of transcripts using nucleic acid/reverse transcription-PCR
PT reagent mix in an automated setup.

PS Disclosure; Page 44; 83pp; English.

XX The present invention relates to a method of quantifying in vivo RNA from
CC a biological sample. This involves collecting the biological sample in a
CC tube comprising a compound inhibiting RNA degradation and/or gene
CC induction, forming a precipitate comprising nucleic acids, separating the
CC precipitate from the supernatant, dissolving the precipitate using a
CC buffer, forming a suspension, isolating nucleic acids from the suspension
CC using an automated device, dispersing or distributing a reagent mix for
CC reverse transcription (RT)-PCR using an automated device, dispersing or
CC distributing the nucleic acids isolated within the dispersed reagent mix
CC using an automated device and determining the in vivo levels of
CC transcripts using the nucleic acid and RT-PCR reagent mix of the previous
CC step in an automated setup. The method is useful for monitoring or
CC detecting changes in in vivo nucleic acids levels in a biological agent
CC present, such as eukaryotic or prokaryotic cells, viruses or phages in a
CC biological sample or for producing a medicament for treating immune
CC related disease, e.g., autoimmunity, rheumatoid arthritis, multiple
CC sclerosis, cancer, immunodeficiencies such as AIDS, allergy, graft
CC rejection or Graft versus Host Disease. The present sequence is a PCR
CC primer/probe used in the exemplification of the invention

XX Sequence 20 BP; 1 A; 9 C; 1 G; 9 T; 0 U; 0 Other;

Query Match 0.7%; Score 12.4; DB 1; Length 20;

Best Local Similarity 92.9%; Pred. No. 1.5e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 916 CTGTTCTCTGTCTCCA 929

Db 4 CTCTCTCTGTCTCCA 17

RESULT 2192

AAH48603

ID AAH48603 standard; DNA; 20 BP.

XX AAH48603;

XX 20-SEP-2001 (first entry)

XX Human fascin associated primer SEQ ID 55.

XX Fascin; regulatory sequence; human; dendritic cell; antiviral; tumor;
KW antibacterial; antifungal; antiparasitic; anti-allergic; neurological;
KW immunomodulatory; apoptotic; expression regulator; vaccine; allergen;
KW Creutzfeld-Jakob disease; Alzheimer's disease; Gene therapy;
KW autoimmune disease; transplant rejection; primer; ss.

XX OS Homo sapiens.

XX WO200151631-A2.

XX 19-JUL-2001.

XX 12-JAN-2001; 2001WO-EP000362.

XX 13-JAN-2000; 2000DE-01001169.

XX 02-MAR-2000; 2000DE-01010188.

XX (RESK/) RESKE-KUNZ A.

XX (ROSS/) ROSS X.

XX (ROSS/) ROSS R.

XX (BROS/) BROS M.

XX Reske-Kunz A, Ross X, Ross R, Bros M;

XX WPI; 2001-451858/48.

XX New regulatory sequences from the fascin gene, useful for providing
PT dendritic cell-specific expression of e.g. antigens, e.g. for vaccination
PT against tumors and infections.

XX Claim 2b; Page 109; 117pp; German.

XX This invention describes novel regulatory sequences (A) derived from
CC human fascin that provide specific expression in dendritic cells (DC) and
CC which have antiviral, antibacterial, antifungal, antiparasitic, anti-
CC allergic, neurological, immunomodulatory and apoptotic activity. (A) are
CC used to regulate expression of antigens, immunoregulators, antisense
CC sequences etc. in DC-specific fashion. Recombinant DNA, vectors and host
CC cells that contain (A) are useful: (i) in vaccines against viruses,
CC bacteria, fungi, parasites, tumors, allergens and plaques in Creutzfeld-
CC Jakob and Alzheimer's disease; and (ii) for gene therapy of tumors,
CC allergies, infections, autoimmune diseases and transplant rejection. They
CC can also be provide specific expression of antigens and immunoregulators
CC in DC; for isolation and identification of cell factors and cis-elements
CC from regulatory sequences that mediate DC-specific expression; to
CC determine the degree of maturity of DC and to block transcription
CC factors, by providing binding sites in DC. (A) provide DC-specific
CC expression of nucleic acid under their control, allowing a more specific
CC regulation of the immune response and eliminating the long and laborious
CC purification of DC (since a complete leucocyte population may be
CC transformed), including transformation in vitro. This sequence represents
CC a primer associated with the human fascin gene described in the invention

XX Sequence 20 BP; 1 A; 10 C; 5 G; 4 T; 0 U; 0 Other;

Query Match 0.7%; Score 12.4; DB 1; Length 20;

Best Local Similarity 92.9%; Pred. No. 1.5e+03;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 558 CAGCGCGCGCTCC 571

Db 4 CAGCCTCGCCTCC 17

RESULT 2193

ADD22540/c

ID ADD22540 standard; DNA; 20 BP.

XX ADD22540;

XX 15-JAN-2004 (first entry)

XX Flatfish rhabdovirus oligo #31.

XX DNA vaccine; flatfish rhabdovirus; HIRRV; fish; immunity;
KW transcriptional-control; cytomegalovirus immediate-type promoter;
KW immunogenic; virucide; gene gun; ss; primer.

XX Novel enzymatic nucleic acid molecules which down regulates expression of
PT a sequence encoding a subunit of nuclear factor kappa B useful for
PT treating cancer, inflammatory disorders and autoimmune diseases.

XX
PS
PS Claim 3; Page 33; 72pp; English.

XX The invention describes an enzymatic nucleic acid molecule (I) which down
CC regulates expression of a sequence encoding a subunit of nuclear factor
CC kappa B (NFkB), where (I) is an inozyme, zynzyme, G-cleaver or amberzyme
CC configuration. The enzymatic nucleic acid molecule is adapted to treat
CC cancer and is useful for down-regulating REL-A activity in a cell, for
CC treating a patient having a condition associated with the level of REL-A.
CC (I) is useful for cleaving RNA comprising a sequence of REL-A gene, in
CC the presence of a divalent cation, especially Mg²⁺. The enzymatic and
CC antisense nucleic acid molecules are useful for treating breast, lung,
CC prostate, colorectal, brain, oesophageal, stomach, bladder, pancreatic,
CC cervical, head and neck, ovarian cancer, melanoma, lymphoma, glioma or
CC multidrug resistant cancer. The method involves use of other drug
CC therapies such as monoclonal antibodies, REL-A-specific inhibitors or
CC chemotherapy including paclitaxel, docetaxel, cisplatin, methotrexate,
CC cyclophosphamide, doxorubicin, fluorouracil carboplatin, edatrexate,
CC gemcitabine or radiation therapy. The enzymatic and antisense nucleic
CC acid molecules are also useful for treating inflammatory disease such as
CC rheumatoid arthritis, restenosis, asthma, Crohn's disease, diabetes,
CC obesity, autoimmune disease, lupus, multiple sclerosis, transplant/graft
CC rejection, gene therapy applications, ischaemia/reperfusion injury
CC (central nervous system (CNS) and myocardial), glomerulonephritis,
CC sepsis, allergic airway inflammation, inflammatory bowel disease or
CC infection. This sequence represents the substrate of a novel enzymatic
CC nucleic acid molecule

XX
SQ Sequence 17 BP; 3 A; 3 C; 6 G; 0 T; 5 U; 0 Other;

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.4e+03;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1398 GCTGTTGCAGTTTGAGG 1414
||| :|||::|||
Db 1 GCAGCUGCAGUUGAUG 17

Search completed: May 3, 2004, 10:17:13
Job time : 53 secs

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OM nucleic - nucleic search, using sw model

Run on: May 3, 2004, 10:57:46 ; Search time 2 Seconds
(without alignments)
1.801 Million cell updates/sec

Title: us-10-017-621-3
Perfect score: 1745
Sequence: 1 tggagcgcgcgttaaggatg.....gttcacctgccactgtgcc 1745

Scoring table: IDENTITY NUC
Gap 10.0, Gapext 0.5

Searched: 55 seqs, 1032 residues

Total number of hits satisfying chosen parameters: 110

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 58 summaries

Database: rst.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	45	2.6	46	1	ACCESSION:N78054
2	28	1.6	28	1	R38968
3	17.8	1.0	24	1	ACCESSION:AZ449706
4	17.6	1.0	27	1	ACCESSION:AZ486233
5	16.6	1.0	25	1	ACCESSION:AI202056
6	15.2	0.9	23	1	ACCESSION:BM397693
7	15.2	0.9	23	1	ACCESSION:AZ860972
8	15	0.9	23	1	ACCESSION:AZ501330
9	14.6	0.8	21	1	ACCESSION:AZ632301
10	14.4	0.8	19	1	ACCESSION:AZ315293
11	14.4	0.8	20	1	ACCESSION:AZ622226
12	14.2	0.8	19	1	ACCESSION:BM396331
13	13.8	0.8	19	1	ACCESSION:AZ769047
14	13.8	0.8	21	1	ACCESSION:AZ850337
15	13.6	0.8	20	1	ACCESSION:CF317946
16	13.6	0.8	20	1	ACCESSION:AZ613289
17	13.4	0.8	16	1	ACCESSION:AI590540
18	13.4	0.8	17	1	ACCESSION:BM397652
19	13.4	0.8	18	1	ACCESSION:BM397132
20	13	0.7	20	1	ACCESSION:AZ808202
21	12.8	0.7	19	1	ACCESSION:BX564021
22	12.6	0.7	19	1	ACCESSION:AI383415
23	12.6	0.7	19	1	ACCESSION:AI696833
24	12.6	0.7	19	1	ACCESSION:CF542982
25	12.6	0.7	19	1	ACCESSION:AZ406101
26	12.6	0.7	19	1	ACCESSION:AZ445563
27	12.6	0.7	19	1	ACCESSION:AZ485264
28	12.6	0.7	20	1	ACCESSION:CF317946
29	12.4	0.7	16	1	ACCESSION:AI000182
30	12.4	0.7	16	1	ACCESSION:BM395110
31	12.4	0.7	18	1	ACCESSION:BQ593906
32	12.4	0.7	19	1	ACCESSION:BM395903
33	12.4	0.7	19	1	ACCESSION:AZ381798

C 34	12.4	0.7	19	1	AZ465132
C 35	12.2	0.7	17	1	AW246893
C 36	12.2	0.7	46	1	N78054
C 37	11.8	0.7	16	1	AI154875
C 38	11.8	0.7	16	1	AI564678
C 39	11.8	0.7	17	1	BM399385
C 40	11.4	0.7	13	1	BM396800
C 41	11.4	0.7	13	1	CF543283
C 42	11.4	0.7	16	1	BM396717
C 43	11.4	0.7	16	1	BM396718
C 44	11.4	0.7	16	1	BM398398
C 45	11.4	0.7	16	1	BM399771
C 46	11.4	0.7	17	1	BM395627
C 47	11.4	0.7	17	1	BM398023
C 48	11.4	0.7	17	1	BM398024
C 49	11.4	0.7	17	1	BM399768
C 50	11.4	0.7	25	1	AI202056
C 51	11.2	0.6	17	1	BM396999
C 52	11.2	0.6	17	1	CF298796
C 53	11	0.6	13	1	BQ595471
C 54	11	0.6	14	1	CF306911
C 55	11	0.6	15	1	AW059513
C 56	10.8	0.6	14	1	CF298986
C 57	10.8	0.6	14	1	CF299461
C 58	10.8	0.6	15	1	CF330961

ALIGNMENTS

RESULT 1

N78054

LOCUS

DEFINITION

N78054 yv71g05.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone

IMAGE:248216 5' similar to gb:X66363 SERINE/THREONINE-PROTEIN

KINASE PCTAIRE-1 (HUMAN); mRNA sequence.

N78054 N78054.1 GI:1240755

EST.

Source Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 46)

Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., Dubuque, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J., Trevaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R., and Marra, M.

Generation and analysis of 280,000 human expressed sequence tags

Genome Res. 6 (9), 807-828 (1996)

97044478

MEDLINE

PUBMED

889549

COMMENT

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

This clone is available royalty-free through LLNL; contact the

IMAGE Consortium (info@image.llnl.gov) for further information.

Trace considered overall poor quality

Insert Length: 1438 Std Error: 0.00

Seq primer: reverse ET

High quality sequence stop: 1.

Location/Qualifiers

1. .46

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="GDB:3797462"

/db_xref="taxon:9606"

FEATURES

source


```

84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Seq primer: CGTGTAAACGACGCCAGCT
Class: Plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
source
1. .23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0167A16"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGClm library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of pAF129072.1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No.10;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 226 GAGACTGGTGTTGGTGGCGG 245
DB 1 GTGTGTGGTGGTGGTGGTGG 20

RESULT 8
AZS01330
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
AZS01330
IM0340F11F Mouse 10kb plasmid UUGClm library Mus musculus genomic clone UUGC2M0340F11 F, genomic survey sequence.
AZS01330
GSS.
Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLUT, UT 84112, USA

84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Seq primer: CGTGTAAACGACGCCAGCT
Class: Plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
source
1. .23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0167A16"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGClm library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 [gi|4732114|gb|AF129072.1], a copy-number inducible derivative of pAF129072.1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No.10;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 226 GAGACTGGTGTTGGTGGCGG 245
DB 1 GTGTGTGGTGGTGGTGGTGG 20

RESULT 7
AZS01330
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
AZS01330
IM0340F11F Mouse 10kb plasmid UUGClm library Mus musculus genomic clone UUGC2M0340F11 F, genomic survey sequence.
AZS01330
GSS.
Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLUT, UT 84112, USA

```

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0340 row: F column: 11
 Seq primer: CGTTGTAAACGACGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers

FEATURES
 source

1. .23
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0340F11"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.8%; Score 15; DB 1; Length 23;
 Best Local Similarity 78.3%; Pred. No. 11;
 Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1541 AGGCAGCTTCGTCCTTCGTCG 1563
 |||||
 Db 1 AGGCAGCTTCGTCCTTCGTCG 23

RESULT 9
 AZ832301
 LOCUS
 DEFINITION 21 bp DNA linear GSS 20-FEB-2001
 2M0112F10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC2M0112F10 R, genomic survey sequence.

ACCESSION
 A2832301
 VERSION
 A2832301.1 GI:13002209
 KEYWORDS
 GSS.

SOURCE
 Mus musculus (house mouse)

ORGANISM
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
 1 (bases 1 to 21)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Ielam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Rellly, M., Rose, R., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.

TITLE
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL
 Unpublished (2000)
 COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center

University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606

Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0112 row: F column: 10
 Seq primer: CACACAGGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 21.
 Location/Qualifiers

FEATURES
 source

1. .21
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0112F10"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.8%; Score 14.6; DB 1; Length 21;
 Best Local Similarity 81.0%; Pred. No. 11;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1640 AGCGGCTGGAGGATGCCACA 1660
 |||||
 Db 1 AGATGCTGTGGGATGCCACA 21

RESULT 10
 AZ315293

LOCUS

DEFINITION

1M0032P20P Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC1M0032P20 F, genomic survey sequence.

ACCESSION

AZ315293

VERSION

AZ315293.1 GI:10362003

KEYWORDS

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE

1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Ielam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Rellly, M., Rose, R., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weiss, R.

TITLE

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

JOURNAL

Unpublished (2000)

COMMENT

Contact: Robert B. Weiss

University of Utah

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0032 row: B column: 20
 Seq primer: CGTGTAAACGACGGCCAGT
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES

source

1. 19
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 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0032P20"
 /sex="Male"

/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.8%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 10;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
 |||||
 DB 2 GTGGTGGTGGTGGTGG 17

RESULT 11

AZ622226

LOCUS

IM0455A24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0455A24 R, genomic survey sequence.

ACCESSION

AZ622226

VERSION

AZ622226.1

KEYWORDS

GSS.

SOURCE

Mus musculus (house mouse)

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLCT, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00
 Plate: 0455 row: A column: 24
 Seq primer: CACACGAGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 20.

FEATURES

source

1. 20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0455A24"
 /sex="Male"

/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 [gi4732114|gb|AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.8%; Score 14.4; DB 1; Length 20;
 Best Local Similarity 93.8%; Pred. No. 11;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245
 |||||
 DB 2 GTGGTGGTGGTGGTGG 17

RESULT 12

BM396331

LOCUS

DEFINITION

5009-0-2-E02.t.1 Chilcoat/Turkewitz cDNA (large fraction)

ACCESSION

BM396331

VERSION

BM396331.1

KEYWORDS

EST.

SOURCE

Tetrahymena thermophila

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Unpublished (2002)

Contact: Turkewitz AP

Molecular Genetics and Cell Biology

University of Chicago

920 E. 58th Street, Chicago, IL 60637, USA

Tel: 773 702 4374

Fax: 773 702 3172

Email: apturkew@midway.uchicago.edu

Seq primer: T3.

FEATURES

source

1. 19

/organism="Tetrahymena thermophila"

/mol_type="mRNA"

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/strain="CU428.1"
/db_xref="taxon:5911"
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preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match      0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 11;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 159 AATGACACTCCGAGGTGGC 177
      ||||| ||||| ||||| |||||
Db 1 AATGACTCACCGCGGTGGC 19

RESULT 13
AZ769047/c 19 bp DNA linear GSS 16-FEB-2001
LOCUS
DEFINITION
IM0569P15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0569P15 F, genomic survey sequence.
ACCESSION
AZ769047
VERSION
GSS.
KEYWORDS
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.
TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL
Unpublished (2000)
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0569 row: P column: 15
Seq primer: CGTTGTAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
FEATURES
Location/Qualifiers
1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0569P15"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 14;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1538 AGGAGCCACGCTTCGG 1554
      ||||| ||||| ||||| |||||
Db 19 AGGAGCCACGCTTCGG 3

RESULT 14
AZ850337 21 bp DNA linear GSS 21-FEB-2001
LOCUS
DEFINITION
2M0152H11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0152H11 F, genomic survey sequence.
ACCESSION
AZ850337
VERSION
GSS.
KEYWORDS
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.
TITLE
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL
Unpublished (2000)
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0152 row: H column: 11
Seq primer: CGTTGTAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
FEATURES
Location/Qualifiers
1..21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0152H11"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/notes="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
with adaptors complementary to the insert adaptors and

```


SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS NCI/NINDS-CGAP
 TITLE National Cancer Institute / National Institute of Neurological Disorders and Stroke, Brain Tumor Genome Anatomy Project (CGAP/BTGA), Tumor Gene Index
 JOURNAL Unpublished (1998)
 COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgaps-remail.nih.gov
 Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.
 CDNA Library Preparation: Life Technologies, Inc.
 CDNA Library Arrayed by: Greg Lennon, Ph.D.
 DNA Sequencing by: Washington University Genome Sequencing Center
 Clone Distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
 Insert Length: 353 Std Error: 0.00
 Seq primer: -40UP from Gibco
 High quality sequence stop: 1

POLYA=No.

FEATURES
 source

Location/Qualifiers
 1. .16

/organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:2259362"
 /tissue_type="tumor, 5 pooled (see description)"
 /lab_host="DH10B"
 /clone_lib="NCI_CGAP Brn52"
 /note="Organ: Brain; Vector: pCMV-SPORT6; Site 1: Sall; Site 2: NotI; This library represents the normalized version of NCI CGAP Brn35. Cloned unidirectionally. Primer: Oligo dt. Average insert size 1.19 kb. Tumor types include: meningioma, oligodendroglioma, astrocytoma (grade II), medulloblastoma, astrocytoma (grade IV). Constructed by Life Technologies."

Query Match 0.8%; Score 13.4; DB 1; Length 16;
 Best Local Similarity 93.3%; Pred. No. 11;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 231 TGGTGGTGGTGGCG 245

Db 16 TGGTGGTGGTGGGG 2

RESULT 18
 BM397652/c
 LOCUS
 DEFINITION 5009-0-35-E01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM397652
 VERSION BM397652.1 GI:18197705
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea; Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E., Frankel, J., and Klobutcher, L.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA

Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES

source

Location/Qualifiers
 1. .17
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /notes="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.8%; Score 13.4; DB 1; Length 17;
 Best Local Similarity 93.3%; Pred. No. 13;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1100 GGTACCGGCGCCCTG 1114

Db 17 GGTACCGGCGCCCG 3

RESULT 19

BM397132/c

LOCUS

DEFINITION

5009-0-29-Cl1.t.1 Chilcoat/Turkewitz cDNA (large fraction)

Tetrahymena thermophila cDNA, mRNA sequence.

ACCESSION

BM397132

VERSION

BM397132.1 GI:18197185

KEYWORDS

EST.

SOURCE

Tetrahymena thermophila

ORGANISM

Tetrahymena thermophila

Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;

Hymenostomatida; Tetrahymenina; Tetrahymena.

REFERENCE

1 (bases 1 to 18)

AUTHORS

Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,

Frankel, J., and Klobutcher, L.

TITLE

EST from Tetrahymena thermophila, strain CU428.1, growing cells

JOURNAL

Unpublished (2002)

COMMENT

Contact: Turkewitz AP

Molecular Genetics and Cell Biology

University of Chicago

920 E. 58th Street, Chicago, IL 60637, USA

Tel: 773 702 4374

Fax: 773 702 3172

Email: apturkew@midway.uchicago.edu

Seq primer: T3.

FEATURES
 source

Location/Qualifiers
 1. .18

/organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /notes="Vector: Bluescript2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.8%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 15;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1099 TGGTACCGGCGCCCT 1113

Db 17 TGGTACCGGCGCCCT 3

RESULT 20

AZ808202

LOCUS

DEFINITION

2M0071F15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic

20 bp DNA linear

GSS 20-FEB-2001

```

ACCESSION   AZ808202
VERSION     AZ808202.1
KEYWORDS    GI:12973502
SOURCE      Mus musculus (house mouse)
ORGANISM    Mus musculus
REFERENCE   1 (bases 1 to 20)
AUTHORS     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
            Islam,H., Longacre,S., Mahmood,M., Meenen,E., Pedersen,T.,
            Kelly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
            Niederhausern,A. and Wright,D., Weiss,R.
TITLE       Mouse whole genome scaffolding with paired end reads from 10kb
            plasmid inserts
JOURNAL     Unpublished (2000)
COMMENT     Contact: Robert B. Weiss
            University of Utah Genome Center
            University of Utah
            Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
            84112, USA
            Tel: 801 585 5606
            Fax: 801 585 7177
            Email: ddunn@genetics.utah.edu
            Insert Length: 10000 Std Error: 0.00
            Plate: 0071 row: F column: 15
            Seg primer: CACACAGGAAACAGCTATGACC
            Class: plasmid ends
            High quality sequence stop: 20.

FEATURES             source
     Location/Qualifiers
         1..20
             /organism="Mus musculus"
             /mol_type="genomic DNA"
             /strain="C57BL/6J"
             /db_xref="taxon:10090"
             /clone="UUGC2M0071F15"
             /sex="Male"
             /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
             /clone_lib="Mouse 10Kb Plasmid UUGC1M library"
             /note="Vector: PWB42nv; Purified genomic DNA from M.
            musculus C57BL/6J (male) was obtained from the Jackson
            Laboratory Mouse DNA Resource
            (http://www.jax.org/resources/documents/dnares/). The DNA
            was hydrodynamically sheared by repeated passage through a
            0.005 inch orifice at constant velocity. The sheared DNA
            was blunt end-repaired with T4 DNA polymerase and T4
            polynucleotide kinase. Adaptor oligonucleotides were
            ligated to the blunt ends in high molar excess. The
            adaptor DNA was purified and size-selected for a 9.5 to
            10.5 kb range using preparative agarose gel
            electrophoresis. Vector DNA was prepared from a derivative
            of pWB42 (GI|4732114|gb|AF129072.1), a copy-number
            inducible derivative of plasmid R1. The vector was ligated
            with adaptors complementary to the insert adaptors and
            purified. The sheared, adaptor mouse DNA was annealed to
            adaptor vector DNA, and transformed into
            chemically-competent E. coli XL10-Gold (Stratagene) cells
            and selected for ampicillin resistance."

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 22;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGG 242
    |||||
Db 1 GTGGTGGTGGTGG 13

RESULT 21
BX564021/c
LOCUS
DEFINITION
BX564021 Glossina morsitans morsitans adult infected gut Glossina
morsitans morsitans cDNA clone Tse6c01_glc, mRNA sequence.

EST.
Accession GI:12973502
Version 1
Keywords
Source Homo sapiens
Organism Homo sapiens
Reference
1 (bases 1 to 19)
Authors
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgaps-r@mail.nih.gov
Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike Grever,

clone UUGC2M0071F15 R, genomic survey sequence.
ACCESSION   AZ808202
VERSION     AZ808202.1
KEYWORDS    GI:12973502
SOURCE      Mus musculus (house mouse)
ORGANISM    Mus musculus
REFERENCE   1 (bases 1 to 20)
AUTHORS     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
            Islam,H., Longacre,S., Mahmood,M., Meenen,E., Pedersen,T.,
            Kelly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
            Niederhausern,A. and Wright,D., Weiss,R.
TITLE       Mouse whole genome scaffolding with paired end reads from 10kb
            plasmid inserts
JOURNAL     Unpublished (2000)
COMMENT     Contact: Robert B. Weiss
            University of Utah Genome Center
            University of Utah
            Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
            84112, USA
            Tel: 801 585 5606
            Fax: 801 585 7177
            Email: ddunn@genetics.utah.edu
            Insert Length: 10000 Std Error: 0.00
            Plate: 0071 row: F column: 15
            Seg primer: CACACAGGAAACAGCTATGACC
            Class: plasmid ends
            High quality sequence stop: 20.

FEATURES             source
     Location/Qualifiers
         1..20
             /organism="Mus musculus"
             /mol_type="genomic DNA"
             /strain="C57BL/6J"
             /db_xref="taxon:10090"
             /clone="UUGC2M0071F15"
             /sex="Male"
             /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
             /clone_lib="Mouse 10Kb Plasmid UUGC1M library"
             /note="Vector: PWB42nv; Purified genomic DNA from M.
            musculus C57BL/6J (male) was obtained from the Jackson
            Laboratory Mouse DNA Resource
            (http://www.jax.org/resources/documents/dnares/). The DNA
            was hydrodynamically sheared by repeated passage through a
            0.005 inch orifice at constant velocity. The sheared DNA
            was blunt end-repaired with T4 DNA polymerase and T4
            polynucleotide kinase. Adaptor oligonucleotides were
            ligated to the blunt ends in high molar excess. The
            adaptor DNA was purified and size-selected for a 9.5 to
            10.5 kb range using preparative agarose gel
            electrophoresis. Vector DNA was prepared from a derivative
            of pWB42 (GI|4732114|gb|AF129072.1), a copy-number
            inducible derivative of plasmid R1. The vector was ligated
            with adaptors complementary to the insert adaptors and
            purified. The sheared, adaptor mouse DNA was annealed to
            adaptor vector DNA, and transformed into
            chemically-competent E. coli XL10-Gold (Stratagene) cells
            and selected for ampicillin resistance."

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 22;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGG 242
    |||||
Db 1 GTGGTGGTGGTGG 13

RESULT 21
BX564021/c
LOCUS
DEFINITION
BX564021 Glossina morsitans morsitans adult infected gut Glossina
morsitans morsitans cDNA clone Tse6c01_glc, mRNA sequence.

EST.
Accession GI:12973502
Version 1
Keywords
Source Homo sapiens
Organism Homo sapiens
Reference
1 (bases 1 to 19)
Authors
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgaps-r@mail.nih.gov
Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike Grever,

```

```

BX564021
BX564021.1 GI:33431221
EST.
Glossina morsitans morsitans
Glossina morsitans morsitans
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscidae; Glossinidae; Glossina.
1 (bases 1 to 19)
Lehane,M.J., Aksoy,S., Gibson,W., Kerhornou,A., Berriman,M.,
Hamilton,J., Soares,M.B., Bonaldo,M.F., Lehane,S. and Hall,N.
Adult midgut expressed sequence tags from the tsetse fly Glossina
morsitans morsitans and expression analysis of putative immune
response genes
Genome Biol. 4 (10), R63 (2003)
22881942
14519198
Contact: Hall N
Pathogen Sequencing Unit
The Sanger Institute The Wellcome Trust Genome Campus
Hinxton, Cambridge, CB10 1SA, UK
Request for clones, please contact: Mike Lehane
Prof. M.J. Lehane
School of Biological Sciences,
University of Wales,
Bangor LL57 2UW
All clones with suffix q1c are reverse primer reads starting at 5'
end of the cDNA all plc reads are from
the 3' end.

FEATURES             source
     Location/Qualifiers
         1..19
             /organism="Glossina morsitans morsitans"
             /mol_type="mRNA"
             /sub_species="morsitans"
             /db_xref="taxon:37546"
             /clone="Tse6c01_glc"
             /tissue_type="adult infected gut"
             /clone_lib="Glossina morsitans morsitans adult infected
            gut"
             /note="Country: Zimbabwe; EST from adult gut infected with
            T.brucei"

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 21;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 707 ACATCAGACTGGAAACA 722
    |||||
Db 16 ACATCAGAAATGGAAACA 1

RESULT 22
BX564021/c
LOCUS
DEFINITION
BX564021 NCI CGAP CLL1 Homo sapiens cDNA clone IMAGE:2074101 3'
similar to SW:Y048 MYCTU Q50738 HYPOTHETICAL 33.1 KD PROTEIN
CY9C4.08C. ;contains MSR1.b1 MSR1 repetitive element ;, mRNA
sequence.

EST.
Accession GI:4196196
Version 1
Keywords
Source Homo sapiens (human)
Organism Homo sapiens
Reference
1 (bases 1 to 19)
Authors
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgaps-r@mail.nih.gov
Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike Grever,

```

/db_xref="taxon:9606"
/clone="IMAGE:2324392"
/tissue_type="adenocarcinoma"
/lab_host="DHI08"
/clone_lib="NCI_CGAP_Panl"
/note="Organ: pancreas; Vector: pCMV-SPORT6; Site 1: Sali;
Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.72 kb. Life Technologies catalog #:
11548-013"

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 23;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCGT 573
Db 19 CTTCCCCCGCTCTCCGT 1

RESULT 24
CF542982/c
LOCUS
DEFINITION
S014680W-024-030-P12-SP6 MP1Z-ADIS-024-leaf Beta vulgaris cDNA
clone 024-030-P12 5-PRIME, mRNA sequence.
CF542982
ACCESSION
VERSION
CF542982.1 GI:34891422
EST.
SOURCE
Beta vulgaris
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
1 (bases 1 to 19)
Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
Plant J. 32 (5), 845-857 (2002)
2362189
12472698
Contact: Weishaar, B.
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weishaar@mpiz-koeln.mpg.de
Insert Length: 19 Std Error: 0.00
Plate: 30 row: P column: 12
Seq primer: SP6.
Location/Qualifiers
1. .19
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:936786"
/db_xref="taxon:161934"
/clone="024-030-P12"
/tissue_type="leaf"
/lab_host="EMD108"
/clone_lib="MP1Z-ADIS-024-leaf"
/note="Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
R2PD/GABI-Primary database:http://gabi.rzpd.de"

/db_xref="taxon:9606"
/clone="IMAGE:2324392"
/tissue_type="adenocarcinoma"
/lab_host="DHI08"
/clone_lib="NCI_CGAP_Panl"
/note="Organ: pancreas; Vector: pCMV-SPORT6; Site 1: Sali;
Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.72 kb. Life Technologies catalog #:
11548-013"

Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 23;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 729 GGGGGCCCCCTGCACGCC 747
Db 19 GGGGGCCCCCGCGCCCCC 1

RESULT 23
LOCUS
DEFINITION
wc74e09.xl NCI CGAP_Panl Homo sapiens cDNA clone IMAGE:2324392 3'
similar to TR:Q01942 Q01942 EXTENSIN ; contains element TAR1
repetitive element ;, mRNA sequence.
AI696833
ACCESSION
VERSION
AI696833.1 GI:4984733
EST.
KEYWORDS
Homo sapiens (human)
SOURCE
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs@mail.nih.gov
Life Technologies catalog #: 11548-013
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert length: 1542 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
High quality sequence stop: 1.
Location/Qualifiers
1. .19
/organism="Homo sapiens"
/mol_type="mRNA"

Query Match 0.7%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 23;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCTCCG 572
 |||||
 DB 19 CCATCACCCCGCGTCCG 1

RESULT 25
 AZ406101/c
 LOCUS
 DEFINITION IM0175011F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0175011 F, genomic survey sequence.

ACCESSION
 AZ406101

VERSION
 AZ406101.1 GI:10530114

KEYWORDS
 GSS.

SOURCE
 Mus musculus (house mouse)

ORGANISM
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
 1 (bases 1 to 19)

AUTHORS
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.

TITLE
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL
 Unpublished (2000)

COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00

Plate: 0175 row: 0 column: 11
 Seq primer: CGTTGTAACGACGCCAGT

Class: plasmid ends
 High quality sequence stop: 19.

Location/Qualifiers
 1..19

FEATURES
 source

/organism="Mus musculus"
 /mol_type="genomic DNA"

/strain="C57BL/6J"
 /db_xref="taxon:10090"

/clone="UUGC1M0175011"
 /sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 23;

Best Local Similarity 78.9%; Pred. No. 23;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1068 AAAGACATCTCCAAATGAG 1086
 |||||
 DB 19 AAAGACACACACCAACAG 1

RESULT 26
 AZ445563/c

LOCUS
 DEFINITION IM0241P18F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0241P18 F, genomic survey sequence.

ACCESSION
 AZ445563

VERSION
 AZ445563.1 GI:10595508

KEYWORDS
 GSS.

SOURCE
 Mus musculus (house mouse)

ORGANISM
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
 1 (bases 1 to 19)

AUTHORS
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.

TITLE
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL
 Unpublished (2000)

COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00

Plate: 0241 row: P column: 18
 Seq primer: CGTTGTAACGACGCCAGT

Class: plasmid ends
 High quality sequence stop: 19.

Location/Qualifiers
 1..19

FEATURES
 source

/organism="Mus musculus"
 /mol_type="genomic DNA"

/strain="C57BL/6J"
 /db_xref="taxon:10090"

/clone="UUGC1M0241P18"
 /sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 23;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 221 TGGATGAGAGTGGTGG 239
 Db 19 TGGATGAGTGGGGAGG 1

RESULT 27
 AZ485264/c
 LOCUS 19 bp DNA linear GSS 05-OCT-2000
 DEFINITION IM0312002R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0312002 R, genomic survey sequence.
 ACCESSION AZ485264
 VERSION AZ485264.1 GI:10650911
 KEYWORDS GSS
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Durn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A., and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: durn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0312 row: 0 column: 02
 Seq primer: CACACAGGAACACGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers
 1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0312002"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and 14
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.7%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 23;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 373 CAGGCTTCAGCCAGTCTCT 391
 Db 19 CAGCCTTCACCCACTCTCT 1

RESULT 28
 CF317946
 LOCUS 20 bp mRNA linear EST 15-AUG-2003
 DEFINITION HD--07-N06.gi OSHDAC1-overexpressing transgenic rice plasmid cDNA
 library (HD) Oryza sativa cDNA clone HD--07-N06, mRNA sequence.
 ACCESSION CF317946
 VERSION CF317946.1 GI:33689707
 KEYWORDS EST.
 SOURCE Oryza sativa
 ORGANISM Oryza sativa
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoideae; Oryzaceae; Oryza.
 1 (bases 1 to 20)
 Kim, J.-S., Jun, K.-M., Cheong, P.-J., Kim, M.-J., Lee, T.-H., Shin, Y.-C.,
 Song, S.-I., Kim, J.-K., Kim, Y.-K. and Nahm, B.-H.
 Large-scale Sequencing Analysis of Rice ESTs
 Unpublished (2003)
 Contact: Nahm B.H.
 Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Gyeonggi, Korea
 Tel: 82 31 320 6193
 Fax: 82 31 321 6355
 Email: bhnahm@bio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1. 20
 /organism="Oryza sativa"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:4530"
 /clone="HD--07-N06"
 /tissue_type="callus"
 /dev_stage="proliferated callus on 2M6 media for 2 weeks"
 /lab_host="E.coli DH10B"
 /clone_lib="OSHDAC1-overexpressing transgenic rice plasmid
 cDNA library (HD)"
 /note="vector: pCR4-TOPO; site 1: EcoRI; Callus was
 treated with ABA(20um) for 1hr. Oligo-capped mRNA was
 reverse transcribed and then used for PCR. mRNA was
 derived from rice Histone Deacetylase overexpression
 line."

Query Match 0.7%; Score 12.6; DB 1; Length 20;
 Best Local Similarity 78.9%; Pred. No. 26;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGGCGAGTG 250
 Db 2 GCGCGCGCGCGCGCGAGCG 20

RESULT 29
 AI000182/c
 LOCUS 16 bp mRNA linear EST 27-JUL-1998
 DEFINITION OB45f11.s1 NCI CGAP Br2 Homo sapiens cDNA clone IMAGE:1608333 3',
 similar to TR:Q33563 Q33563 EATRO 164 KINETOPLAST ;, mRNA sequence.
 ACCESSION AI000182
 VERSION AI000182.1 GI:3190736
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 16)
 NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 National Cancer Institute, Cancer Genome Anatomy Project (CGAP),

Query Match 0.7%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 23;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

JOURNAL
COMMENT
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality

Insert Length: 3143 Std Error: 0.00

Seq primer: -40ml3 fwd. ET from Amersham

High quality sequence stop: 1.

FEATURES
source

1. .16
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1608333"
/sex="female, pooled"
/tissue_type="breast"
/lab_host="DH10B"
/clone_lib="NCI CGAP Bx2"
/note="Vector: p773D-Pac (Pharmacia) with a modified
polylinker; 1st strand cDNA was prepared from pooled bulk
breast tumor tissue, and was then primed with a Not I -
oligo(dT) primer. Double-stranded cDNA was ligated to Eco
RI adaptors (Pharmacia), digested with Not I and cloned
into the Not I and Eco RI sites of the modified p773
vector. This library is the normalized version of
NCI CGAP_Brl.1. Library was constructed by Bento Soares
and M. Fatima Bonaldo."

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 777 CAACACGCCACCA 790

Db 15 CAACACACACCA 2

RESULT 30
BM395110
LOCUS
DEFINITION
50072-2-7-E12.r.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
BM395110
VERSION
EST.
SOURCE
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 16)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
source

Location/Qualifiers
1. .16

/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 18;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1099 TGGTACCGGCCCC 1112

Db 3 TGGTACCGGCCCC 16

RESULT 31
BQ593906/c

LOCUS

DEFINITION

Accession

Version

Keywords

Source

Organism

Reference

Authors

Title

Journal

Medline

PubMed

Comment

Features

Source

Location/Qualifiers

1. .18

/organism="Beta vulgaris"

/mol_type="mRNA"

/cultivar="KWS2320 (double haploid, monogerm breeding
line)"

/db_xref="GABI:192944"

/db_xref="taxon:161934"

/clone="024-025-M13"

/tissue_type="developing root"

/lab_host="EMDH10B"

/clone_lib="MP12-AD18-024-developing root"

/note="Vector: pCMVSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatucht AG Binbeck, Germany, contact:
b.schulz@kwa.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
Project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match 0.7%; Score 12.4; DB 1; Length 18;


```

Best Local Similarity 92.9%; Pred. No. 23;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1449 ACATCCATCTTCC 1462
Db ||||| ||||| |||||
14 ACATCCATCTTCC 1

RESULT 32
BM395903/c
LOCUS
DEFINITION
5009-0-13-G11.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION
BM395903
VERSION
BM395903.1 GI:18195956
KEYWORDS
EST.
SOURCE
Tetrahymena thermophila
ORGANISM
Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 19)
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
FEATURES
source
1..19
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 26;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1099 TGGTACCGCGCC 1112
Db ||||| ||||| |||||
18 TGGTACCGCGCC 5

RESULT 33
AZ381798
LOCUS
DEFINITION
IM0138601R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0138601 R, genomic survey sequence.
ACCESSION
AZ381798
VERSION
AZ381798.1 GI:10495498
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss

Best Local Similarity 92.9%; Pred. No. 23;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1449 ACATCCATCTTCC 1462
Db ||||| ||||| |||||
14 ACATCCATCTTCC 1

RESULT 34
AZ465132/c
LOCUS
DEFINITION
1M0274D24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0274D24 R, genomic survey sequence.
ACCESSION
AZ465132
VERSION
AZ465132.1 GI:10623257
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss

Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0138 row: G column: 01
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
FEATURES
source
1..19
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0138601"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42sv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

```


University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunne@genetics.utah.edu

Insert length: 1000 Std Error: 0.00

Plate: 0274 row: D column: 24

Seq primer: CACACAGGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

Location/Qualifiers

FEATURES

source

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1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="TUGC1M0274D24"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/notes="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (G1/4732114|GB|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
```

Query Match 0.7%; Score 12.4; DB 1; Length 19;

Best Local Similarity 92.9%; Pred. No. 26;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 902 TGCACAACTGAAA 915

Db 15 TGCACAACTGAAA 2

RESULT 35

AW246893

LOCUS

DEFINITION AW246893 17 bp mRNA linear EST 07-JAN-2000 2822293.5prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822293 5', mRNA sequence.

ACCESSION AW246893

VERSION AW246893.1 GI:6589886

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

1 (bases 1 to 17)

NIH-MGC http://mgs.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)

Unpublished (1999)

Other ESTs: 2822293.3prime

Contact: Robert Strauberg, Ph.D.

Email: cgabs@email.nih.gov

Tissue Procurement: DCTD/DTF cDNA Library Preparation: Ling

Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LIML) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LIML at: www-bio.liml.gov/borp/image/image.html Base Calling / Quality Scores: PHRED from University of Washington Genome Center. Vector Trimming: cross match from University of Washington Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washington Genome Center: <http://www.genome.washington.edu> Low Quality Sequence: 7 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: trace file contained 17 contiguous distinct peaks following vector sequence.

Plate: LCM9 row: A column: 14

High quality sequence stop: 7.

FEATURES

source

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1..17
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2822293"
/tissue type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_7"
/notes="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCAGCAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
```

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 23;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 39 GGCAGCAGCAGCAGCAG 55

Db 1 GGCAGCAGCAGCAGCAG 17

RESULT 36

N78054/c

LOCUS

DEFINITION

N78054 46 bp mRNA linear EST 28-JAN-1997 YV71g05.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:248216 5' similar to gb:X66363 SERINE/THREONINE-PROTEIN KINASE PCTAIRE-1 (HUMAN); mRNA sequence.

ACCESSION N78054

VERSION N78054.1 GI:1240755

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

AUTHORS

1 (bases 1 to 46)

Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J., Trevaskis, E., Underwood, K., Wohlmann, P., Waterston, R., Wilson, R., and Marra, M.

Generation and analysis of 280,000 human expressed sequence tags

Genome Res. 6 (9), 807-828 (1996)

97044478

8889549

COMMENT

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: estow@wustl.edu

This clone is available royalty-free through LIML; contact the

Best Local Similarity 86.7%; Pred. No. 24;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 560 GCCGCGGCTCGGTC 574
 ||||| |||||
 Db 1 GCCGCGGCTCGGCC 15

RESULT 39
 BM399385
 LOCUS
 DEFINITION 5009-0-57-C01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM399385
 VERSION BM399385.1 GI:18199438
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 17)
 AUTHORS Turkewitz A.P., Karrer K.M., Jahn C., Orias E., Kirk K.E.,
 Frankel J. and Klobutcher I.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
 source
 1..17
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note=Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."
 Query Match 0.7%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 27;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 164 CACTCCGAGGTGGCC 178
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 Db 1 CAATCCGCGGTGGCC 15

RESULT 40
 BM396800/c
 LOCUS
 DEFINITION 5009-0-25-D03.t.1 Chilcoat/Turkewitz cDNA (large fraction)
 Tetrahymena thermophila cDNA, mRNA sequence.
 ACCESSION BM396800
 VERSION BM396800.1 GI:18196853
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
 Hymenostomatida; Tetrahymenina; Tetrahymena.
 REFERENCE 1 (bases 1 to 13)
 AUTHORS Turkewitz A.P., Karrer K.M., Jahn C., Orias E., Kirk K.E.,
 Frankel J. and Klobutcher I.
 TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
 JOURNAL Unpublished (2002)
 COMMENT Contact: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago

920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

FEATURES
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 1..13
 Location/Qualifiers
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
 /note=Vector: Bluescript2 SK+; Details on library
 preparation can be found in Chilcoat and Turkewitz (2001)
 Proc. Natl. Acad. Sci USA, 98: 8709-8713."
 Query Match 0.7%; Score 11.4; DB 1; Length 13;
 Best Local Similarity 92.3%; Pred. No. 19;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 1100 GGTACCGCGCCCC 1112
 ||||| |||||
 Db 13 GGTACCGCGCCCC 1

RESULT 41
 CF543283
 LOCUS
 DEFINITION S014680-024-030-D02-SP6 MP12-ADIS-024-leaf Beta vulgaris cDNA clone
 024-030-D02 5-PRIME, mRNA sequence.
 ACCESSION CF543283
 VERSION CF543283.1 GI:34891723
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 REFERENCE 1 (bases 1 to 13)
 AUTHORS Herwig R., Schulz B., Weisshaar B., Hennig S., Steinfath M.,
 Drungowski M., Stahl D., Wruck W., Menze A., O'Brien J., Lehrach H.
 and Radelof U.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL Plant J 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698
 COMMENT Contact: Weisshaar B
 ADIS DNA core facility at MP12
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weissnaa@mpiz-koeln.mpg.de
 Insert Length: 13 Std Error: 0.00
 Plate: 30 row: D column: 02
 Seq primer: SP6.

FEATURES
 source
 1..13
 Location/Qualifiers
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 /cultivar="KWS2320 (double haploid, monogerm breeding
 line)"
 /db_xref="GABI:936477"
 /db_xref="taxon:161934"
 /clone="024-030-D02"
 /tissue_type="leaf"
 /lab_host="EMDH10B"
 /clone_lib="MP12-ADIS-024-leaf"
 /note=Vector: pCMVSPORT6; Site 1: Sali; Site 2: NotI;
 cDNA library from sugar beet, library provided by KWS
 Kleinzelleneber Saatgut AG Einbeck, Germany, contact:
 b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
 orientation:

SP6-Sali-CCACGGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
Project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match 0.7%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 19;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1308 CAACACATACAAC 1320
Db 1 CAACACATACAAC 13

RESULT 42 BM396717/c

LOCUS 16 bp mRNA linear EST 17-JAN-2002
DEFINITION 5009-0-24-E06.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.

ACCESSION BM396717
VERSION BM396717.1 GI:18196770
KEYWORDS EST.

SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila

REFERENCE 1 (bases 1 to 16)
AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J., and Klobutcher,L.

TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL Unpublished (2002)
COMMENT Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES source

1..16
/organism="Tetrahymena thermophila"
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/strain="CU428.1"
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/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 29;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1100 GGTACCGGGCCCC 1112
Db 15 GGTACCGGGCCCC 3

RESULT 43 BM396718/c

LOCUS 16 bp mRNA linear EST 17-JAN-2002
DEFINITION 5009-0-24-E06.t.2 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.

ACCESSION BM396718
VERSION BM396718.1 GI:18196771
KEYWORDS EST.

SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila

REFERENCE 1 (bases 1 to 16)
AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J., and Klobutcher,L.

AUTHORS

Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J. and Klobutcher,L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

TITLE JOURNAL COMMENT

Location/Qualifiers
1..16
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
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/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

FEATURES source

1..16
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/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 29;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1100 GGTACCGGGCCCC 1112
Db 15 GGTACCGGGCCCC 3

RESULT 44 BM398398/c

LOCUS 16 bp mRNA linear EST 17-JAN-2002
DEFINITION 5009-0-45-A08.t.2 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.

ACCESSION BM398398
VERSION BM398398.1 GI:18198451
KEYWORDS EST.

SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila

REFERENCE 1 (bases 1 to 16)
AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orias,E., Kirk,K.E.,
Frankel,J. and Klobutcher,L.

TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL Unpublished (2002)
COMMENT Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES source

1..16
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
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/db_xref="taxon:5911"
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/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 29;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1100 GGTACCGGGCCCC 1112

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Db 15 GGTACCGGGCCCC 3
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Seq primer: T3.
Location/Qualifiers
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/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 32;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
|||||
Db 16 GGTACCGGGCCCC 4

RESULT 47
BM398023/c
LOCUS
DEFINITION 5009-0-4-E01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM398023
VERSION BM398023.1 GI:18198076
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
REFERENCE 1 (bases 1 to 17)
AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orlas,E., Kirk,K.E.,
Frankel,J. and Klobutcher,L.
TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL Unpublished (2002)
COMMENT Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
Location/Qualifiers
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/note="Vector: Bluescript2 SK+; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."

FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 29;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
|||||
Db 15 GGTACCGGGCCCC 3

RESULT 46
BM395627/c
LOCUS
DEFINITION 5009-0-1-E05.t.2 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM395627
VERSION BM395627.1 GI:18195680
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
Hymenostomatida; Tetrahymenina; Tetrahymena.
REFERENCE 1 (bases 1 to 17)
AUTHORS Turkewitz,A.P., Karrer,K.M., Jahn,C., Orlas,E., Kirk,K.E.,
Frankel,J. and Klobutcher,L.
TITLE EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL Unpublished (2002)
COMMENT Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu

FEATURES
source
Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 32;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
|||||
Db 16 GGTACCGGGCCCC 4

RESULT 48
BM398024/c
LOCUS
DEFINITION 5009-0-4-E01.t.2 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM398024
VERSION BM398024.1 GI:18198077
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KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
REFERENCE Hymenostomatida; Ciliophora; Oligohymenophorea;
AUTHORS Tetrahymena; Tetrahymena; Tetrahymena.
TITLE 1 (bases 1 to 17)
JOURNAL Frankel, J. and Klobutcher, L.
COMMENT EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Molecular Genetics and Cell Biology
Contact: Turkewitz AP
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 4374
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
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    preparation can be found in Chilcoat and Turkewitz (2001)
    Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 32;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
Db 16 GGTACCGGGCCCC 4

RESULT 49
BM399768/c
LOCUS BM399768
DEFINITION 5009-0-61-C01.t.1 Chilcoat/Turkewitz cDNA (large fraction)
ACCESSION BM399768
VERSION BM399768.1 GI:18199821
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
REFERENCE Eukaryota; Alveolata; Ciliophora; Oligohymenophorea;
AUTHORS Tetrahymena; Tetrahymena; Tetrahymena.
TITLE 1 (bases 1 to 17)
JOURNAL Frankel, J. and Klobutcher, L.
COMMENT EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Molecular Genetics and Cell Biology
Contact: Turkewitz AP
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 4374
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES
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    preparation can be found in Chilcoat and Turkewitz (2001)
    Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.7%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 32;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1100 GGTACCGGGCCCC 1112
Db 16 GGTACCGGGCCCC 4

RESULT 50
AI202056/c
LOCUS AI202056
DEFINITION q148a11.x1 NCI CGAP Brn25 Homo sapiens cDNA clone IMAGE:1859708 3'
similar to SW:R27A_HUMAN P14798 40S RIBOSOMAL PROTEIN S27A. [1] ;
mRNA sequence.
ACCESSION AI202056
VERSION AI202056.1 GI:3754662
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE 1 (bases 1 to 25)
JOURNAL NCI/NINDS-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
COMMENT National Cancer Institute / National Institute of Neurological
Disorders and Stroke, Brain Tumor Genome Anatomy Project
(CGAP/RTGAP), Tumor Gene Index
Unpublished (1998)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov
Tissue Procurement: David N. Louis, M.D., Myrna R. Rosenfeld M.D.,
Ph.D.
cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldo, Ph.D.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LNL at:
www-bio.llnl.gov/brp/image/image.html

Trace considered overall poor quality
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High quality sequence stop: 1.
Location/Qualifiers
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    /db_xref="taxon:9606"
    /clone="IMAGE:1859708"
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    /lab_host="DH10B"
    /clone_lib="NCI CGAP Brn25"
    /note="Organ: brain; Vector: pT7T3D-Pac (Pharmacia) with a
    modified polylinker; Site 1: Not 1; Site 2: Eco RI; 1st
    strand cDNA was primed with a Not I - oligo(dT) primer [5'
    TGTACCAATCTGAAGTGGAGCGGCGGCATAGTGTGTGTGTGTGTGTGTGT
    T 3']; double-stranded cDNA was ligated to Eco RI
    adaptors (Pharmacia), digested with Not I and cloned into
    the Not I and Eco RI sites of the modified pT7T3 vector.
    Library is normalized, and was constructed by Bento
    Soares and M. Fatima Bonaldo."

Query Match 0.7%; Score 11.4; DB 1; Length 25;
Best Local Similarity 71.4%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 121 GCCATGATCGGATGAAGAG 141
Db 25 GCTAAGAAAGGAGAGAGAG 5

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RESULT 51
BM396999
LOCUS
DEFINITION
5009-0-28-A01.t.2 Chilcoat/Turkewitz cDNA (large fraction)
Tetrahymena thermophila cDNA, mRNA sequence.
EST 17-JAN-2002
ACCESSION
BM396999
VERSION
BM396999.1 GI:18197052
KEYWORDS
EST.
SOURCE
Tetrahymena thermophila
ORGANISM
Tetrahymena thermophila
Tetrahymena thermophila
Hymenostomatida; Tetrahymenina; Tetrahymena.
REFERENCE
1 (bases 1 to 17)
AUTHORS
Turkewitz, A.P., Karrer, K.M., Jahn, C., Orlas, E., Kirk, K.E.,
Frankel, J., and Klobutcher, L.
TITLE
EST from Tetrahymena thermophila, strain CU428.1, growing cells
JOURNAL
Unpublished (2002)
COMMENT
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 4374
Email: apturkew@midway.uchicago.edu
Seq primer: T3.
FEATURES
Location/Qualifiers
1..17
/mol_type="mRNA"
/organism="Tetrahymena thermophila"
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/note="Vector: Bluescript2 SK4; Details on library
preparation can be found in Chilcoat and Turkewitz (2001)
Proc. Natl. Acad. Sci USA, 98: 8709-8713."
Query Match 0.6%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 35;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1015 GGAGAGCTCAAGCTGG 1030
Db 1 GCGGAGCTCAGCGGG 16
RESULT 52
CF298796/c
LOCUS
DEFINITION
7LEAF--02-G14.g1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa cDNA clone 7LEAF--02-G14, mRNA sequence.
EST 15-AUG-2003
ACCESSION
CF298796
VERSION
CF298796.1 GI:33670557
KEYWORDS
EST.
SOURCE
Oryza sativa
ORGANISM
Oryza sativa
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaeae; Oryza.
REFERENCE
1 (bases 1 to 17)
AUTHORS
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
TITLE
Large-scale Sequencing Analysis of Rice ESTs
JOURNAL
Unpublished (2003)
COMMENT
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Gyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnah@gbio.com, bhnah@bio.myongji.ac.kr.
FEATURES
Location/Qualifiers
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/organism="Oryza sativa"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:4530"
/clone="7LEAF--02-G14"
/tissue_type="leaf"
/dev stage="7 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: PCR4-TORO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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Best Local Similarity 81.2%; Pred. No. 35;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 153 GCTGTCAATGACATC 168
Db 17 GCTGTCAATGACATC 2
RESULT 53
BQ595471
LOCUS
DEFINITION
BQ12691-024-022-C18-SP6 MP1Z-ADIS-024-developing root Beta vulgaris
cDNA clone 024-022-C18 5-PRIME, mRNA sequence.
ACCESSION
BQ595471
VERSION
BQ595471.1 GI:26125054
KEYWORDS
EST.
SOURCE
Beta vulgaris
ORGANISM
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE
1 (bases 1 to 13)
AUTHORS
Herwig, R., Schulz, B., Weisshaar, B., Hennig, S., Steinfath, M.,
Drungowski, M., Stahl, D., Wruck, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
TITLE
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL
Plant J. 32 (5), 845-857 (2002)
MEDLINE
22362189
PUBMED
12472698
COMMENT
Contact: Weisshaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
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Seq primer: SP6; CATACGATTAGTGACACTATAG.
FEATURES
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line)"
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/tissue_type="developing root"
/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-developing root"
/note="Vector: pCMWSPORT6; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatgut AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-SALI-CCACGCGTCGCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by

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Query Match 0.6%; Score 10.8; DB 1; Length 14;
 Best Local Similarity 85.7%; Pred. No. 29;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
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 Db 14 GCTGTCAACGATAC 1

RESULT 57
 CF299461/c
 LOCUS 14 bp mRNA linear EST 15-AUG-2003
 DEFINITION 7LEAF--03-H22.g1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
 sativa cDNA clone 7LEAF--03-H22, mRNA sequence.

ACCESSION CF299461
 VERSION CF299461
 KEYWORDS EST.
 SOURCE Oryza sativa
 ORGANISM Oryza sativa
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoideae; Oryzaceae; Oryza.

REFERENCE 1 (bases 1 to 14)
 AUTHORS Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
 Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
 TITLE Large-scale Sequencing Analysis of Rice ESTs
 JOURNAL Unpublished (2003)
 COMMENT Contact: Nahm B.H.
 Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyeonggi, Korea
 Tel: 82 31 330 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES
 source
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 /organism="Oryza sativa"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:4530"
 /clone="7LEAF--03-H22"
 /tissue_type="leaf"
 /dev_stage="7 days after germination"
 /lab_host="E.coli DH10B"
 /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
 /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match 0.6%; Score 10.8; DB 1; Length 14;
 Best Local Similarity 85.7%; Pred. No. 29;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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 Db 14 GCTGTCAACGATAC 1

RESULT 58
 CF330961/c
 LOCUS 15 bp mRNA linear EST 18-AUG-2003
 DEFINITION NACL--06-007.g1 Rice callus plasmid cDNA library (NACL) Oryza
 sativa cDNA clone NACL--06-007, mRNA sequence.

FEATURES
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 /mol_type="mRNA"
 /cultivar="Nackdong"
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 /clone="7LEAF--03-H22"
 /tissue_type="leaf"
 /dev_stage="7 days after germination"
 /lab_host="E.coli DH10B"
 /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
 /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match 0.6%; Score 10.8; DB 1; Length 14;
 Best Local Similarity 85.7%; Pred. No. 29;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
 ||||| |||
 Db 14 GCTGTCAACGATAC 1

RESULT 58
 CF330961/c
 LOCUS 15 bp mRNA linear EST 18-AUG-2003
 DEFINITION NACL--06-007.g1 Rice callus plasmid cDNA library (NACL) Oryza
 sativa cDNA clone NACL--06-007, mRNA sequence.

ACCESSION CF330961
 VERSION CF330961.1 GI:33810144
 KEYWORDS EST.
 SOURCE Oryza sativa
 ORGANISM Oryza sativa
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoideae; Oryzaceae; Oryza.

REFERENCE 1 (bases 1 to 15)
 AUTHORS Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
 Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
 TITLE Large-scale Sequencing Analysis of Rice ESTs
 JOURNAL Unpublished (2003)
 COMMENT Contact: Nahm B.H.
 Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyeonggi, Korea
 Tel: 82 31 330 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES
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 /organism="Oryza sativa"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:4530"
 /clone="NACL--06-007"
 /tissue_type="callus"
 /dev_stage="proliferated callus on 2N6 media for 30 days"
 /lab_host="E.coli DH10B"
 /clone_lib="Rice callus plasmid cDNA library (NACL)"
 /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match 0.6%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 33;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 153 GCTGTCATGACAC 166
 ||||| |||
 Db 15 GCTGTCAACGATAC 2

Search completed: May 3, 2004, 10:57:48
 Job time : 2 secs

GenCore version 5.1.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: May 3, 2004, 09:51:17 ; Search time 37 Seconds
(without alignments)
3.470 Million cell updates/sec

Title: us-10-017-621-3
Perfect score: 1745
Sequence: 1 tggagcagcgttaaggatg.....gttcacctgccactgtgcc 1745

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 1905 seqs, 36789 residues

Total number of hits satisfying chosen parameters: 3810

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1922 summaries

Database : rge.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	22.4	1.3	33	1	BD102646
2	22.4	1.3	33	1	ACCESSION:BD102646
3	21.6	1.2	31	1	ACCESSION:AX248673
4	21.6	1.2	31	1	ACCESSION:AX248673
5	20.6	1.2	21	1	ACCESSION:AX348015
6	19.2	1.1	29	1	ACCESSION:AX153398
7	19.2	1.1	29	1	ACCESSION:AX008577
8	19.2	1.1	29	1	ACCESSION:AX129246
9	18.8	1.1	28	1	ACCESSION:AX129247
10	18.6	1.1	25	1	ACCESSION:BD144819
11	18.6	1.1	25	1	ACCESSION:AX502274
12	18.2	1.0	27	1	ACCESSION:AX502275
13	18.2	1.0	27	1	ACCESSION:AX502275
14	17.6	1.0	25	1	ACCESSION:AX270316
15	17.6	1.0	25	1	ACCESSION:AR028293
16	17.6	1.0	25	1	ACCESSION:AX502273
17	17.6	1.0	25	1	ACCESSION:AX502276
18	17.6	1.0	26	1	ACCESSION:AR090840
19	17.6	1.0	26	1	ACCESSION:AR197875
20	17.4	1.0	26	1	ACCESSION:AR260029
21	17.4	1.0	19	1	ACCESSION:AR129125
22	17.4	1.0	19	1	ACCESSION:AX129129
23	17.4	1.0	20	1	ACCESSION:AR110470
24	17.4	1.0	20	1	ACCESSION:AR116450
25	17.4	1.0	20	1	ACCESSION:AR116461
26	17.4	1.0	20	1	ACCESSION:BD237317
27	17.4	1.0	20	1	ACCESSION:AX104119
28	17.4	1.0	20	1	ACCESSION:AX164692
29	17.4	1.0	20	1	ACCESSION:AX355435
30	17.4	1.0	20	1	ACCESSION:AX547172
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32	17.4	1.0	20	1	ACCESSION:BD074618
33	17.4	1.0	25	1	ACCESSION:AR266635
34	17.4	1.0	25	1	ACCESSION:AX692068

34	17	1.0	25	1	AX692069
35	17	1.0	25	1	AX692070
36	17	1.0	26	1	AX686088
37	16.8	1.0	21	1	AX79437
38	16.8	1.0	21	1	AX79443
39	16.8	1.0	21	1	AX105842
40	16.8	1.0	21	1	AX105848
41	16.6	1.0	21	1	AX096998
42	16.6	1.0	23	1	AX004678
43	16.6	1.0	23	1	BD081260
44	16.6	1.0	23	1	BD102837
45	16.6	1.0	24	1	AX171200
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49	16.6	1.0	25	1	AX434970
50	16.6	1.0	25	1	AX117560
51	16.6	1.0	25	1	AX502272
52	16.6	1.0	25	1	AX502277
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54	16.4	0.9	20	1	AX020781
55	16.4	0.9	24	1	AX384811
56	16.4	0.9	24	1	AX384813
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58	16.2	0.9	21	1	AX084587
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66	15.8	0.9	19	1	AX129543
67	15.8	0.9	19	1	AX129544
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71	15.8	0.9	20	1	BD230605
72	15.8	0.9	20	1	AX662857
73	15.6	0.9	22	1	AX349814
74	15.6	0.9	22	1	AX632279
75	15.6	0.9	22	1	AX703197
76	15.6	0.9	23	1	I40277
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78	15.6	0.9	24	1	I14421
79	15.6	0.9	24	1	AX118390
80	15.6	0.9	24	1	AX288473
81	15.6	0.9	24	1	AX289335
82	15.6	0.9	24	1	AX446667
83	15.6	0.9	24	1	AX537767
84	15.4	0.9	17	1	AX434121
85	15.4	0.9	17	1	AX423568
86	15.4	0.9	17	1	AX579661
87	15.4	0.9	17	1	AX725416
88	15.4	0.9	19	1	AX48884
89	15.4	0.9	19	1	AX127171
90	15.4	0.9	19	1	AX129090
91	15.4	0.9	20	1	AX020544
92	15.4	0.9	21	1	AX199403
93	15.4	0.9	21	1	AX302251
94	15.4	0.9	21	1	AX096903
95	15.4	0.9	21	1	AX154199
96	15.4	0.9	21	1	AX154440
97	15.4	0.9	21	1	AX543865
98	15.4	0.9	23	1	E35606
99	15.4	0.9	23	1	AX022849
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103	15.2	0.9	20	1	AX120085
104	15.2	0.9	20	1	AX123064
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106	15.2	0.9	20	1	ES9787

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C 109	15.2	0.9	20	1	AR200901	ACCESSION: AR200901	C 182	15.2	0.9	21	1	BD014106	ACCESSION: BD014106
C 110	15.2	0.9	20	1	AR221415	ACCESSION: AR221415	C 183	15.2	0.9	21	1	BD056568	ACCESSION: BD056568
C 111	15.2	0.9	20	1	AR226109	ACCESSION: AR226109	C 184	15.2	0.9	21	1	BD168669	ACCESSION: BD168669
C 112	15.2	0.9	20	1	AR228824	ACCESSION: AR228824	C 185	15.2	0.9	21	1	BD168680	ACCESSION: BD168680
C 113	15.2	0.9	20	1	AR437111	ACCESSION: AR437111	C 186	15.2	0.9	21	1	BD183777	ACCESSION: BD183777
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C 115	15.2	0.9	20	1	AX101161	ACCESSION: AX101161	C 188	15.2	0.9	21	1	BD189873	ACCESSION: BD189873
C 116	15.2	0.9	20	1	AX801596	ACCESSION: AX801596	C 189	15.2	0.9	21	1	BD192566	ACCESSION: BD192566
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C 120	15.2	0.9	21	1	AR029142	ACCESSION: AR029142	C 193	15.2	0.9	22	1	E12712	ACCESSION: E12712
C 121	15.2	0.9	21	1	AR029143	ACCESSION: AR029143	C 194	15.2	0.9	22	1	AR361958	ACCESSION: AR361958
C 122	15.2	0.9	21	1	AR036526	ACCESSION: AR036526	C 195	15.2	0.9	22	1	AR192252	ACCESSION: AR192252
C 123	15.2	0.9	21	1	AR036527	ACCESSION: AR036527	C 196	15.2	0.9	22	1	AX703190	ACCESSION: AX703190
C 124	15.2	0.9	21	1	AR037493	ACCESSION: AR037493	C 197	15.2	0.9	22	1	BD169735	ACCESSION: BD169735
C 125	15.2	0.9	21	1	AR051035	ACCESSION: AR051035	C 198	15.2	0.9	23	1	AR022536	ACCESSION: AR022536
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C 130	15.2	0.9	21	1	AR096059	ACCESSION: AR096059	C 203	15.2	0.9	23	1	I87946	ACCESSION: I87946
C 131	15.2	0.9	21	1	AR096060	ACCESSION: AR096060	C 204	15.2	0.9	23	1	AR349567	ACCESSION: AR349567
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C 133	15.2	0.9	21	1	AR110489	ACCESSION: AR110489	C 206	15.2	0.9	23	1	BD225369	ACCESSION: BD225369
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C 135	15.2	0.9	21	1	AR120084	ACCESSION: AR120084	C 208	15.2	0.9	23	1	AX128986	ACCESSION: AX128986
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C 139	15.2	0.9	21	1	AR165321	ACCESSION: AR165321	C 212	15.2	0.9	23	1	AR052905	ACCESSION: AR052905
C 140	15.2	0.9	21	1	AR165329	ACCESSION: AR165329	C 213	15.2	0.9	23	1	AR054268	ACCESSION: AR054268
C 141	15.2	0.9	21	1	AR165336	ACCESSION: AR165336	C 214	15.2	0.9	23	1	AR054470	ACCESSION: AR054470
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C 144	15.2	0.9	21	1	BD272109	ACCESSION: BD272109	C 217	15.2	0.9	23	1	AR011630	ACCESSION: AR011630
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C 146	15.2	0.9	21	1	I13814	ACCESSION: I13814	C 219	15.2	0.9	23	1	BD227731	ACCESSION: BD227731
C 147	15.2	0.9	21	1	I13880	ACCESSION: I13880	C 220	15.2	0.9	23	1	BD251918	ACCESSION: BD251918
C 148	15.2	0.9	21	1	I29011	ACCESSION: I29011	C 221	15.2	0.9	23	1	AR259004	ACCESSION: AR259004
C 149	15.2	0.9	21	1	I32344	ACCESSION: I32344	C 222	15.2	0.9	23	1	AR267477	ACCESSION: AR267477
C 150	15.2	0.9	21	1	I33448	ACCESSION: I33448	C 223	15.2	0.9	23	1	AR269406	ACCESSION: AR269406
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C 152	15.2	0.9	21	1	I36647	ACCESSION: I36647	C 225	14.8	0.8	18	1	AR266212	ACCESSION: AR266212
C 153	15.2	0.9	21	1	I40396	ACCESSION: I40396	C 226	14.8	0.8	18	1	AR299792	ACCESSION: AR299792
C 154	15.2	0.9	21	1	I42176	ACCESSION: I42176	C 227	14.8	0.8	18	1	AX133052	ACCESSION: AX133052
C 155	15.2	0.9	21	1	I59718	ACCESSION: I59718	C 228	14.8	0.8	18	1	AX133053	ACCESSION: AX133053
C 156	15.2	0.9	21	1	I63127	ACCESSION: I63127	C 229	14.8	0.8	18	1	AX133054	ACCESSION: AX133054
C 157	15.2	0.9	21	1	AR179698	ACCESSION: AR179698	C 230	14.8	0.8	19	1	AX128987	ACCESSION: AX128987
C 158	15.2	0.9	21	1	AR182820	ACCESSION: AR182820	C 231	14.8	0.8	19	1	AX129367	ACCESSION: AX129367
C 159	15.2	0.9	21	1	AR207552	ACCESSION: AR207552	C 232	14.8	0.8	19	1	AX130634	ACCESSION: AX130634
C 160	15.2	0.9	21	1	AR207555	ACCESSION: AR207555	C 233	14.8	0.8	20	1	A27572	ACCESSION: A27572
C 161	15.2	0.9	21	1	AR212292	ACCESSION: AR212292	C 234	14.8	0.8	20	1	AR121006	ACCESSION: AR121006
C 162	15.2	0.9	21	1	AR212293	ACCESSION: AR212293	C 235	14.8	0.8	20	1	AR129489	ACCESSION: AR129489
C 163	15.2	0.9	21	1	AR212316	ACCESSION: AR212316	C 236	14.8	0.8	20	1	AR140358	ACCESSION: AR140358
C 164	15.2	0.9	21	1	AR231431	ACCESSION: AR231431	C 237	14.8	0.8	20	1	BD271134	ACCESSION: BD271134
C 165	15.2	0.9	21	1	AR340233	ACCESSION: AR340233	C 238	14.8	0.8	20	1	BD272827	ACCESSION: BD272827
C 166	15.2	0.9	21	1	AR342927	ACCESSION: AR342927	C 239	14.8	0.8	20	1	E60049	ACCESSION: E60049
C 167	15.2	0.9	21	1	AR342928	ACCESSION: AR342928	C 240	14.8	0.8	20	1	I44664	ACCESSION: I44664
C 168	15.2	0.9	21	1	AR429268	ACCESSION: AR429268	C 241	14.8	0.8	20	1	AR258494	ACCESSION: AR258494
C 169	15.2	0.9	21	1	AR429277	ACCESSION: AR429277	C 242	14.8	0.8	20	1	AX009720	ACCESSION: AX009720
C 170	15.2	0.9	21	1	AR429291	ACCESSION: AR429291	C 243	14.8	0.8	20	1	BD090358	ACCESSION: BD090358
C 171	15.2	0.9	21	1	AR429299	ACCESSION: AR429299	C 244	14.8	0.8	20	1	BD176436	ACCESSION: BD176436
C 172	15.2	0.9	21	1	AR429306	ACCESSION: AR429306	C 245	14.8	0.8	21	1	AX094829	ACCESSION: AX094829
C 173	15.2	0.9	21	1	AX081333	ACCESSION: AX081333	C 246	14.8	0.8	21	1	AX094958	ACCESSION: AX094958
C 174	15.2	0.9	21	1	AX096808	ACCESSION: AX096808	C 247	14.8	0.8	21	1	AX097081	ACCESSION: AX097081
C 175	15.2	0.9	21	1	AX283163	ACCESSION: AX283163	C 248	14.8	0.8	21	1	AX708184	ACCESSION: AX708184
C 176	15.2	0.9	21	1	AX283237	ACCESSION: AX283237	C 249	14.8	0.8	22	1	E38856	ACCESSION: E38856
C 177	15.2	0.9	21	1	AX452335	ACCESSION: AX452335	C 250	14.8	0.8	22	1	E63488	ACCESSION: E63488
C 178	15.2	0.9	21	1	AX593895	ACCESSION: AX593895	C 251	14.8	0.8	22	1	AR409518	ACCESSION: AR409518
C 179	15.2	0.9	21	1	AX593899	ACCESSION: AX593899	C 252	14.8	0.8	22	1	AX116939	ACCESSION: AX116939

c 253	14.8	0.8	22	1	AX591885	ACCESSION:AX591885	326	14.4	0.8	17	1	AX728613	ACCESSION:AX728613
254	14.8	0.8	22	1	AX921322	ACCESSION:AX921322	c 327	14.4	0.8	18	1	AR076305	ACCESSION:AR076305
255	14.8	0.8	22	1	BD061543	ACCESSION:BD061543	c 328	14.4	0.8	18	1	BD234537	ACCESSION:BD234537
256	14.8	0.8	22	1	DOG00203A	ACCESSION:L77523	c 329	14.4	0.8	18	1	BD250615	ACCESSION:BD250615
c 257	14.6	0.8	20	1	AX038273	ACCESSION:AX038273	c 330	14.4	0.8	18	1	AX293331	ACCESSION:AX293331
258	14.6	0.8	21	1	A27655	ACCESSION:A27655	c 331	14.4	0.8	18	1	AX599708	ACCESSION:AX599708
259	14.6	0.8	21	1	AR050638	ACCESSION:AR050638	c 332	14.4	0.8	18	1	AX776117	ACCESSION:AX776117
260	14.6	0.8	21	1	AR084563	ACCESSION:AR084563	c 333	14.4	0.8	19	1	AR020487	ACCESSION:AR020487
c 261	14.6	0.8	21	1	AR084567	ACCESSION:AR084567	c 334	14.4	0.8	19	1	AR051219	ACCESSION:AR051219
c 262	14.6	0.8	21	1	AR139851	ACCESSION:AR139851	c 335	14.4	0.8	19	1	AR053210	ACCESSION:AR053210
c 263	14.6	0.8	21	1	AR167495	ACCESSION:AR167495	c 336	14.4	0.8	19	1	AR165304	ACCESSION:AR165304
264	14.6	0.8	21	1	AR172267	ACCESSION:AR172267	c 337	14.4	0.8	19	1	AR199415	ACCESSION:AR199415
265	14.6	0.8	21	1	AR172269	ACCESSION:AR172269	c 338	14.4	0.8	19	1	AR429274	ACCESSION:AR429274
266	14.6	0.8	21	1	AR172270	ACCESSION:AR172270	c 339	14.4	0.8	19	1	AX129126	ACCESSION:AX129126
267	14.6	0.8	21	1	AR172271	ACCESSION:AR172271	c 340	14.4	0.8	19	1	BD179426	ACCESSION:BD179426
268	14.6	0.8	21	1	AR172272	ACCESSION:AR172272	c 341	14.4	0.8	20	1	AR122523	ACCESSION:AR122523
c 269	14.6	0.8	21	1	AR215689	ACCESSION:AR215689	c 342	14.4	0.8	20	1	E03949	ACCESSION:E03949
c 270	14.6	0.8	21	1	AR234219	ACCESSION:AR234219	c 343	14.4	0.8	20	1	E07678	ACCESSION:E07678
c 271	14.6	0.8	21	1	AR296071	ACCESSION:AR296071	c 344	14.4	0.8	20	1	E38858	ACCESSION:E38858
c 272	14.6	0.8	21	1	AR298401	ACCESSION:AR298401	c 345	14.4	0.8	20	1	I12630	ACCESSION:I12630
c 273	14.6	0.8	21	1	AR429720	ACCESSION:AR429720	c 346	14.4	0.8	20	1	I15592	ACCESSION:I15592
c 274	14.6	0.8	21	1	AX038274	ACCESSION:AX038274	c 347	14.4	0.8	20	1	I20970	ACCESSION:I20970
c 275	14.6	0.8	21	1	AX057386	ACCESSION:AX057386	c 348	14.4	0.8	20	1	I22090	ACCESSION:I22090
c 276	14.6	0.8	21	1	AX096647	ACCESSION:AX096647	c 349	14.4	0.8	20	1	AR224716	ACCESSION:AR224716
277	14.6	0.8	21	1	AX117687	ACCESSION:AX117687	c 350	14.4	0.8	20	1	AR271162	ACCESSION:AR271162
278	14.6	0.8	21	1	AX250714	ACCESSION:AX250714	c 351	14.4	0.8	20	1	AR409520	ACCESSION:AR409520
279	14.6	0.8	21	1	AX384817	ACCESSION:AX384817	c 352	14.4	0.8	20	1	AX292958	ACCESSION:AX292958
c 280	14.6	0.8	21	1	AX46049	ACCESSION:AX46049	c 353	14.4	0.8	20	1	AX382011	ACCESSION:AX382011
c 281	14.6	0.8	21	1	AX921468	ACCESSION:AX921468	c 354	14.4	0.8	20	1	AX488272	ACCESSION:AX488272
c 282	14.6	0.8	21	1	AX921468	ACCESSION:AX921468	c 355	14.4	0.8	20	1	BD016559	ACCESSION:BD016559
c 283	14.6	0.8	21	1	BD084523	ACCESSION:BD084523	c 356	14.4	0.8	20	1	BD204809	ACCESSION:BD204809
c 284	14.6	0.8	21	1	BD091813	ACCESSION:BD091813	c 357	14.4	0.8	21	1	AX096998	ACCESSION:AX096998
c 285	14.6	0.8	21	1	BD185745	ACCESSION:BD185745	c 358	14.4	0.8	21	1	AR307359	ACCESSION:AR307359
c 286	14.6	0.8	21	1	AX45083	ACCESSION:AX45083	c 359	14.4	0.8	21	1	AX375474	ACCESSION:AX375474
c 287	14.6	0.8	22	1	AR164576	ACCESSION:AR164576	c 360	14.4	0.8	21	1	AX753169	ACCESSION:AX753169
c 288	14.6	0.8	22	1	I08420	ACCESSION:I08420	c 361	14.4	0.8	21	1	AX754893	ACCESSION:AX754893
c 289	14.6	0.8	22	1	AX038275	ACCESSION:AX038275	c 362	14.4	0.8	21	1	BD070804	ACCESSION:BD070804
c 290	14.6	0.8	22	1	AX241130	ACCESSION:AX241130	c 363	14.4	0.8	22	1	AR020524	ACCESSION:AR020524
c 291	14.6	0.8	22	1	AX486711	ACCESSION:AX486711	c 364	14.4	0.8	22	1	I66236	ACCESSION:I66236
292	14.6	0.8	22	1	AX587485	ACCESSION:AX587485	c 365	14.4	0.8	22	1	AX038201	ACCESSION:AX038201
293	14.6	0.8	22	1	AX591991	ACCESSION:AX591991	c 366	14.2	0.8	19	1	A45386	ACCESSION:A45386
294	14.6	0.8	22	1	AX592006	ACCESSION:AX592006	c 367	14.2	0.8	19	1	A91642	ACCESSION:A91642
295	14.6	0.8	22	1	AX592012	ACCESSION:AX592012	c 368	14.2	0.8	19	1	AR061191	ACCESSION:AR061191
296	14.6	0.8	22	1	AX592024	ACCESSION:AX592024	c 369	14.2	0.8	19	1	AR120024	ACCESSION:AR120024
297	14.6	0.8	22	1	AX610165	ACCESSION:AX610165	c 370	14.2	0.8	19	1	AR120031	ACCESSION:AR120031
298	14.6	0.8	22	1	AX743258	ACCESSION:AX743258	c 371	14.2	0.8	19	1	E10985	ACCESSION:E10985
299	14.6	0.8	22	1	BD133862	ACCESSION:BD133862	c 372	14.2	0.8	19	1	I13820	ACCESSION:I13820
c 300	14.6	0.8	22	1	BD133863	ACCESSION:BD133863	c 373	14.2	0.8	19	1	I13827	ACCESSION:I13827
c 301	14.6	0.8	22	1	MMU560747	ACCESSION:AJ560747	c 374	14.2	0.8	19	1	I88621	ACCESSION:I88621
c 302	14.4	0.8	17	1	AR031196	ACCESSION:AR031196	c 375	14.2	0.8	19	1	AR242487	ACCESSION:AR242487
c 303	14.4	0.8	17	1	AR039579	ACCESSION:AR039579	c 376	14.2	0.8	19	1	AR281774	ACCESSION:AR281774
c 304	14.4	0.8	17	1	AX117430	ACCESSION:AX117430	c 377	14.2	0.8	19	1	AX074450	ACCESSION:AX074450
c 305	14.4	0.8	17	1	I17197	ACCESSION:I17197	c 378	14.2	0.8	19	1	AX082048	ACCESSION:AX082048
c 306	14.4	0.8	17	1	I75968	ACCESSION:I75968	c 379	14.2	0.8	19	1	AX082049	ACCESSION:AX082049
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308	14.4	0.8	17	1	AR329338	ACCESSION:AR329338	c 381	14.2	0.8	19	1	AX128999	ACCESSION:AX128999
309	14.4	0.8	17	1	AR398123	ACCESSION:AR398123	c 382	14.2	0.8	19	1	AX129030	ACCESSION:AX129030
310	14.4	0.8	17	1	AR434120	ACCESSION:AR434120	c 383	14.2	0.8	19	1	AX129031	ACCESSION:AX129031
311	14.4	0.8	17	1	AR434122	ACCESSION:AR434122	c 384	14.2	0.8	19	1	AX129032	ACCESSION:AX129032
c 312	14.4	0.8	17	1	AX081870	ACCESSION:AX081870	c 385	14.2	0.8	19	1	AX129134	ACCESSION:AX129134
c 313	14.4	0.8	17	1	AX217999	ACCESSION:AX217999	c 386	14.2	0.8	19	1	AX129263	ACCESSION:AX129263
c 314	14.4	0.8	17	1	AX265539	ACCESSION:AX265539	c 387	14.2	0.8	19	1	AX129366	ACCESSION:AX129366
c 315	14.4	0.8	17	1	AX265540	ACCESSION:AX265540	c 388	14.2	0.8	19	1	AX129457	ACCESSION:AX129457
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317	14.4	0.8	17	1	AX423380	ACCESSION:AX423380	c 390	14.2	0.8	19	1	AX352867	ACCESSION:AX352867
318	14.4	0.8	17	1	AX423118	ACCESSION:AX423118	c 391	14.2	0.8	19	1	AX352873	ACCESSION:AX352873
319	14.4	0.8	17	1	AX423567	ACCESSION:AX423567	c 392	14.2	0.8	19	1	AX352875	ACCESSION:AX352875
c 320	14.4	0.8	17	1	AX498756	ACCESSION:AX498756	c 393	14.2	0.8	19	1	AX362712	ACCESSION:AX362712
c 321	14.4	0.8	17	1	AX498757	ACCESSION:AX498757	c 394	14.2	0.8	19	1	AX362718	ACCESSION:AX362718
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324	14.4	0.8	17	1	AX580093	ACCESSION:AX580093	c 397	14.2	0.8	19	1	AX601215	ACCESSION:AX601215
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C 399	14.2	0.8	19	1	AX706773	ACCESSION:AX706773
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C 401	14.2	0.8	19	1	AX707703	ACCESSION:AX707703
C 402	14.2	0.8	19	1	BD006133	ACCESSION:BD006133
C 403	14.2	0.8	19	1	BD023424	ACCESSION:BD023424
C 404	14.2	0.8	20	1	BD016214	ACCESSION:BD016214
C 405	14.2	0.8	20	1	AR036915	ACCESSION:AR036915
C 406	14.2	0.8	20	1	AR036916	ACCESSION:AR036916
C 407	14.2	0.8	20	1	AR043155	ACCESSION:AR043155
C 408	14.2	0.8	20	1	AR043156	ACCESSION:AR043156
C 409	14.2	0.8	20	1	AR050516	ACCESSION:AR050516
C 410	14.2	0.8	20	1	AR050517	ACCESSION:AR050517
C 411	14.2	0.8	20	1	AR053173	ACCESSION:AR053173
C 412	14.2	0.8	20	1	AR060266	ACCESSION:AR060266
C 413	14.2	0.8	20	1	AR068700	ACCESSION:AR068700
C 414	14.2	0.8	20	1	AR073721	ACCESSION:AR073721
C 415	14.2	0.8	20	1	AR074655	ACCESSION:AR074655
C 416	14.2	0.8	20	1	AR074656	ACCESSION:AR074656
C 417	14.2	0.8	20	1	AR086278	ACCESSION:AR086278
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C 425	14.2	0.8	20	1	AR120086	ACCESSION:AR120086
C 426	14.2	0.8	20	1	AR121334	ACCESSION:AR121334
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C 431	14.2	0.8	20	1	AR153774	ACCESSION:AR153774
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C 434	14.2	0.8	20	1	AR156630	ACCESSION:AR156630
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C 444	14.2	0.8	20	1	E43716	ACCESSION:E43716
C 445	14.2	0.8	20	1	I12482	ACCESSION:I12482
C 446	14.2	0.8	20	1	I12484	ACCESSION:I12484
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C 451	14.2	0.8	20	1	I43103	ACCESSION:I43103
C 452	14.2	0.8	20	1	I43105	ACCESSION:I43105
C 453	14.2	0.8	20	1	I44634	ACCESSION:I44634
C 454	14.2	0.8	20	1	I44636	ACCESSION:I44636
C 455	14.2	0.8	20	1	I51813	ACCESSION:I51813
C 456	14.2	0.8	20	1	I51815	ACCESSION:I51815
C 457	14.2	0.8	20	1	I74347	ACCESSION:I74347
C 458	14.2	0.8	20	1	I74349	ACCESSION:I74349
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C 462	14.2	0.8	20	1	AR221427	ACCESSION:AR221427
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C 466	14.2	0.8	20	1	AR266082	ACCESSION:AR266082
C 467	14.2	0.8	20	1	AR294848	ACCESSION:AR294848
C 468	14.2	0.8	20	1	AR307902	ACCESSION:AR307902
C 469	14.2	0.8	20	1	AR315242	ACCESSION:AR315242
C 470	14.2	0.8	20	1	AR393857	ACCESSION:AR393857
C 471	14.2	0.8	20	1	AR428276	ACCESSION:AR428276
C 472	14.2	0.8	20	1	AR428293	ACCESSION:AR428293
C 473	14.2	0.8	20	1	AR429570	ACCESSION:AR429570
C 474	14.2	0.8	20	1	AR429571	ACCESSION:AR429571
C 475	14.2	0.8	20	1	AR437095	ACCESSION:AR437095
C 476	14.2	0.8	20	1	AX020501	ACCESSION:AX020501
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C 496	14.2	0.8	20	1	BD074169	ACCESSION:BD074169
C 497	14.2	0.8	20	1	BD074170	ACCESSION:BD074170
C 498	14.2	0.8	20	1	BD074697	ACCESSION:BD074697
C 499	14.2	0.8	20	1	BD080248	ACCESSION:BD080248
C 500	14.2	0.8	20	1	BD089207	ACCESSION:BD089207
C 501	14.2	0.8	20	1	BD096384	ACCESSION:BD096384
C 502	14.2	0.8	20	1	BD137888	ACCESSION:BD137888
C 503	14.2	0.8	20	1	BD137889	ACCESSION:BD137889
C 504	14.2	0.8	20	1	BD143082	ACCESSION:BD143082
C 505	14.2	0.8	20	1	BD174803	ACCESSION:BD174803
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C 508	14.2	0.8	20	1	BD68744	ACCESSION:BD68744
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C 510	14.2	0.8	20	1	BD68774	ACCESSION:BD68774
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545	14	0.8	17	1	AR188699	ACCESSION:AR188699	C 618	13.8	0.8	17	1	BD203456	ACCESSION:BD203456
546	14	0.8	17	1	AR192173	ACCESSION:AR192173	C 619	13.8	0.8	18	1	AR092795	ACCESSION:AR092795
547	14	0.8	17	1	AR192189	ACCESSION:AR192189	C 620	13.8	0.8	18	1	AR073400	ACCESSION:AR073400
548	14	0.8	17	1	AR192190	ACCESSION:AR192190	C 621	13.8	0.8	18	1	AR084040	ACCESSION:AR084040
549	14	0.8	17	1	AR324552	ACCESSION:AR324552	C 622	13.8	0.8	18	1	AR087498	ACCESSION:AR087498
550	14	0.8	17	1	AR326048	ACCESSION:AR326048	C 623	13.8	0.8	18	1	AR092794	ACCESSION:AR092794
551	14	0.8	17	1	AR326060	ACCESSION:AR326060	C 624	13.8	0.8	18	1	AR103886	ACCESSION:AR103886
552	14	0.8	17	1	AR326061	ACCESSION:AR326061	C 625	13.8	0.8	18	1	AR120028	ACCESSION:AR120028
553	14	0.8	17	1	AR329415	ACCESSION:AR329415	C 626	13.8	0.8	18	1	BD250724	ACCESSION:BD250724
554	14	0.8	17	1	AR329416	ACCESSION:AR329416	C 627	13.8	0.8	18	1	ACCESSION:113824	ACCESSION:113824
555	14	0.8	17	1	AR401937	ACCESSION:AR401937	C 628	13.8	0.8	18	1	AR190756	ACCESSION:AR190756
556	14	0.8	17	1	AR401938	ACCESSION:AR401938	C 629	13.8	0.8	18	1	AR325602	ACCESSION:AR325602
557	14	0.8	17	1	AR434118	ACCESSION:AR434118	C 630	13.8	0.8	18	1	AR350407	ACCESSION:AR350407
558	14	0.8	17	1	AR434119	ACCESSION:AR434119	C 631	13.8	0.8	18	1	AR409160	ACCESSION:AR409160
559	14	0.8	17	1	AR215318	ACCESSION:AR215318	C 632	13.8	0.8	18	1	AX078804	ACCESSION:AX078804
560	14	0.8	17	1	AR215343	ACCESSION:AR215343	C 633	13.8	0.8	18	1	AX078806	ACCESSION:AX078806
561	14	0.8	17	1	AR216890	ACCESSION:AR216890	C 634	13.8	0.8	18	1	AX133055	ACCESSION:AX133055
562	14	0.8	17	1	AR272504	ACCESSION:AR272504	C 635	13.8	0.8	18	1	AX180424	ACCESSION:AX180424
563	14	0.8	17	1	AR272505	ACCESSION:AR272505	C 636	13.8	0.8	18	1	AX284155	ACCESSION:AX284155
564	14	0.8	17	1	AR272506	ACCESSION:AR272506	C 637	13.8	0.8	18	1	AX356919	ACCESSION:AX356919
565	14	0.8	17	1	ARX06659	ACCESSION:ARX06659	C 638	13.8	0.8	18	1	AX686024	ACCESSION:AX686024
566	14	0.8	17	1	ARX07589	ACCESSION:ARX07589	C 639	13.8	0.8	18	1	AX178621	ACCESSION:AX178621
567	14	0.8	17	1	ARX730205	ACCESSION:ARX730205	C 640	13.8	0.8	18	1	BD006224	ACCESSION:BD006224
568	14	0.8	17	1	BD067437	ACCESSION:BD067437	C 641	13.8	0.8	18	1	BD185315	ACCESSION:BD185315
569	14	0.8	17	1	AR073036	ACCESSION:AR073036	C 642	13.8	0.8	19	1	AE4617	ACCESSION:AE4617
570	14	0.8	18	1	BD250649	ACCESSION:BD250649	C 643	13.8	0.8	19	1	AR120027	ACCESSION:AR120027
571	14	0.8	18	1	AR189004	ACCESSION:AR189004	C 644	13.8	0.8	19	1	113823	ACCESSION:113823
572	14	0.8	18	1	AR324803	ACCESSION:AR324803	C 645	13.8	0.8	19	1	177125	ACCESSION:177125
573	14	0.8	18	1	ARX663359	ACCESSION:ARX663359	C 646	13.8	0.8	19	1	AR232215	ACCESSION:AR232215
574	14	0.8	18	1	ARX796428	ACCESSION:ARX796428	C 647	13.8	0.8	19	1	AX082045	ACCESSION:AX082045
575	14	0.8	18	1	ARX128985	ACCESSION:ARX128985	C 648	13.8	0.8	19	1	AX082047	ACCESSION:AX082047
576	14	0.8	19	1	BD183673	ACCESSION:BD183673	C 649	13.8	0.8	19	1	AX128802	ACCESSION:AX128802
577	14	0.8	20	1	AE5838	ACCESSION:AE5838	C 650	13.8	0.8	19	1	AX129007	ACCESSION:AX129007
578	14	0.8	20	1	AR188395	ACCESSION:AR188395	C 651	13.8	0.8	19	1	AX129116	ACCESSION:AX129116
579	14	0.8	20	1	AR188406	ACCESSION:AR188406	C 652	13.8	0.8	19	1	AX129117	ACCESSION:AX129117
580	14	0.8	20	1	ARX350510	ACCESSION:ARX350510	C 653	13.8	0.8	19	1	AX129242	ACCESSION:AX129242
581	14	0.8	21	1	ARX096145	ACCESSION:ARX096145	C 654	13.8	0.8	19	1	AX129255	ACCESSION:AX129255
582	14	0.8	21	1	ARX096491	ACCESSION:ARX096491	C 655	13.8	0.8	19	1	AX129388	ACCESSION:AX129388
583	14	0.8	21	1	BD074433	ACCESSION:BD074433	C 656	13.8	0.8	19	1	AX130791	ACCESSION:AX130791
584	14	0.8	21	1	AR064149	ACCESSION:AR064149	C 657	13.8	0.8	19	1	AX070677	ACCESSION:AX070677
585	13.8	0.8	17	1	AR057478	ACCESSION:AR057478	C 658	13.8	0.8	19	1	AX070774	ACCESSION:AX070774
586	13.8	0.8	17	1	BD241607	ACCESSION:BD241607	C 659	13.8	0.8	19	1	AX070775	ACCESSION:AX070775
587	13.8	0.8	17	1	AR115236	ACCESSION:AR115236	C 660	13.8	0.8	19	1	BD088500	ACCESSION:BD088500
588	13.8	0.8	17	1	AE5461	ACCESSION:AE5461	C 661	13.8	0.8	19	1	BD166110	ACCESSION:BD166110
589	13.8	0.8	17	1	IS2065	ACCESSION:IS2065	C 662	13.8	0.8	19	1	BD166117	ACCESSION:BD166117
590	13.8	0.8	17	1	IS3201	ACCESSION:IS3201	C 663	13.8	0.8	19	1	BD166125	ACCESSION:BD166125
591	13.8	0.8	17	1	IS8032	ACCESSION:IS8032	C 664	13.8	0.8	19	1	BD166127	ACCESSION:BD166127
592	13.8	0.8	17	1	AR188734	ACCESSION:AR188734	C 665	13.8	0.8	19	1	BD226523	ACCESSION:BD226523
593	13.8	0.8	17	1	AR324587	ACCESSION:AR324587	C 666	13.8	0.8	19	1	AB069475	ACCESSION:AB069475
594	13.8	0.8	17	1	AR434152	ACCESSION:AR434152	C 667	13.8	0.8	19	1	ACCESSION:A25072	ACCESSION:A25072
595	13.8	0.8	17	1	AR434153	ACCESSION:AR434153	C 668	13.8	0.8	20	1	ACCESSION:AR060473	ACCESSION:AR060473
596	13.8	0.8	17	1	AR139214	ACCESSION:AR139214	C 669	13.8	0.8	20	1	ACCESSION:AR066389	ACCESSION:AR066389
597	13.8	0.8	17	1	AR224430	ACCESSION:AR224430	C 670	13.8	0.8	20	1	ACCESSION:AR080574	ACCESSION:AR080574
598	13.8	0.8	17	1	AR422904	ACCESSION:AR422904	C 671	13.8	0.8	20	1	ACCESSION:AR086188	ACCESSION:AR086188
599	13.8	0.8	17	1	AR423097	ACCESSION:AR423097	C 672	13.8	0.8	20	1	ACCESSION:AR098293	ACCESSION:AR098293
600	13.8	0.8	17	1	AR475010	ACCESSION:AR475010	C 673	13.8	0.8	20	1	ACCESSION:AR131359	ACCESSION:AR131359
601	13.8	0.8	17	1	ARX30599	ACCESSION:ARX30599	C 674	13.8	0.8	20	1	ACCESSION:AR131361	ACCESSION:AR131361
602	13.8	0.8	17	1	ARX30771	ACCESSION:ARX30771	C 675	13.8	0.8	20	1	ACCESSION:AR139299	ACCESSION:AR139299
603	13.8	0.8	17	1	ARX32474	ACCESSION:ARX32474	C 676	13.8	0.8	20	1	ACCESSION:AR149896	ACCESSION:AR149896
604	13.8	0.8	17	1	ARX578970	ACCESSION:ARX578970	C 677	13.8	0.8	20	1	ACCESSION:AR168275	ACCESSION:AR168275
605	13.8	0.8	17	1	ARX578971	ACCESSION:ARX578971	C 678	13.8	0.8	20	1	ACCESSION:AR168277	ACCESSION:AR168277
606	13.8	0.8	17	1	ARX579660	ACCESSION:ARX579660	C 679	13.8	0.8	20	1	ACCESSION:AR178436	ACCESSION:AR178436
607	13.8	0.8	17	1	ARX634505	ACCESSION:ARX634505	C 680	13.8	0.8	20	1	ACCESSION:BD230877	ACCESSION:BD230877
608	13.8	0.8	17	1	ARX648221	ACCESSION:ARX648221	C 681	13.8	0.8	20	1	ACCESSION:E29906	ACCESSION:E29906
609	13.8	0.8	17	1	ARX691689	ACCESSION:ARX691689	C 682	13.8	0.8	20	1	ACCESSION:E40671	ACCESSION:E40671
610	13.8	0.8	17	1	ARX711167	ACCESSION:ARX711167	C 683	13.8	0.8	20	1	ACCESSION:I23824	ACCESSION:I23824
611	13.8	0.8	17	1	ARX727991	ACCESSION:ARX727991	C 684	13.8	0.8	20	1	ACCESSION:I24550	ACCESSION:I24550
612	13.8	0.8	17	1	ARX728285	ACCESSION:ARX728285	C 685	13.8	0.8	20	1	ACCESSION:I33892	ACCESSION:I33892
613	13.8	0.8	17	1	ARX735548	ACCESSION:ARX735548	C 686	13.8	0.8	20	1		
614	13.8	0.8	17	1	ARX736869	ACCESSION:ARX736869	C 687	13.8	0.8	20	1		
615	13.8	0.8	17	1	ARX759537	ACCESSION:ARX759537	C 688	13.8	0.8	20	1		
616	13.8	0.8	17	1	BD013498	ACCESSION:BD013498	C 689	13.8	0.8	20	1		
617	13.8	0.8	17	1			C 690	13.8	0.8	20	1		

C 691	13.8	0.8	20	1	I72323	764	13.8	0.8	21	1	AR172261	ACCESSION:AR172261
C 692	13.8	0.8	20	1	I72325	C 765	13.8	0.8	21	1	AR178606	ACCESSION:AR178606
C 693	13.8	0.8	20	1	I75069	C 766	13.8	0.8	21	1	I14538	ACCESSION:I14538
C 694	13.8	0.8	20	1	I83683	C 767	13.8	0.8	21	1	I22654	ACCESSION:I22654
C 695	13.8	0.8	20	1	AR181185	C 768	13.8	0.8	21	1	I35666	ACCESSION:I35666
C 696	13.8	0.8	20	1	AR207183	C 769	13.8	0.8	21	1	I47479	ACCESSION:I47479
C 697	13.8	0.8	20	1	AR208857	C 770	13.8	0.8	21	1	AR298645	ACCESSION:AR298645
C 698	13.8	0.8	20	1	AR216036	C 771	13.8	0.8	21	1	AR299757	ACCESSION:AR299757
C 699	13.8	0.8	20	1	AR229029	C 772	13.8	0.8	21	1	AR360386	ACCESSION:AR360386
C 700	13.8	0.8	20	1	AR231242	C 773	13.8	0.8	21	1	AR360413	ACCESSION:AR360413
C 701	13.8	0.8	20	1	AR263716	C 774	13.8	0.8	21	1	AR393632	ACCESSION:AR393632
C 702	13.8	0.8	20	1	AR271128	C 775	13.8	0.8	21	1	AR404130	ACCESSION:AR404130
C 703	13.8	0.8	20	1	AR280010	C 776	13.8	0.8	21	1	AR404134	ACCESSION:AR404134
C 704	13.8	0.8	20	1	AR280012	C 777	13.8	0.8	21	1	AR408176	ACCESSION:AR408176
C 705	13.8	0.8	20	1	AR292374	C 778	13.8	0.8	21	1	AX092791	ACCESSION:AX092791
C 706	13.8	0.8	20	1	AR305403	C 779	13.8	0.8	21	1	AX094899	ACCESSION:AX094899
C 707	13.8	0.8	20	1	AR309507	C 780	13.8	0.8	21	1	AX095972	ACCESSION:AX095972
C 708	13.8	0.8	20	1	AR310800	C 781	13.8	0.8	21	1	AX096320	ACCESSION:AX096320
C 709	13.8	0.8	20	1	AR337194	C 782	13.8	0.8	21	1	AX097124	ACCESSION:AX097124
C 710	13.8	0.8	20	1	AX001131	C 783	13.8	0.8	21	1	AX117903	ACCESSION:AX117903
C 711	13.8	0.8	20	1	AX031148	C 784	13.8	0.8	21	1	AX154151	ACCESSION:AX154151
C 712	13.8	0.8	20	1	AX076817	C 785	13.8	0.8	21	1	AX304980	ACCESSION:AX304980
C 713	13.8	0.8	20	1	AX099836	C 786	13.8	0.8	21	1	AX306509	ACCESSION:AX306509
C 714	13.8	0.8	20	1	AX103377	C 787	13.8	0.8	21	1	AX384656	ACCESSION:AX384656
C 715	13.8	0.8	20	1	AX104827	C 788	13.8	0.8	21	1	AX404545	ACCESSION:AX404545
C 716	13.8	0.8	20	1	AX139720	C 789	13.8	0.8	21	1	AX404546	ACCESSION:AX404546
C 717	13.8	0.8	20	1	AX195336	C 790	13.8	0.8	21	1	AX441497	ACCESSION:AX441497
C 718	13.8	0.8	20	1	AX282173	C 791	13.8	0.8	21	1	AX698529	ACCESSION:AX698529
C 719	13.8	0.8	20	1	AX282282	C 792	13.8	0.8	21	1	AX839864	ACCESSION:AX839864
C 720	13.8	0.8	20	1	AX293389	C 793	13.8	0.8	21	1	AX839864	ACCESSION:AX839864
C 721	13.8	0.8	20	1	AX293376	C 794	13.8	0.8	21	1	BD056586	ACCESSION:BD056586
C 722	13.8	0.8	20	1	AX298831	C 795	13.8	0.8	21	1	BD131227	ACCESSION:BD131227
C 723	13.8	0.8	20	1	AX306821	C 796	13.8	0.8	21	1	ATH493641	ACCESSION:ATH493641
C 724	13.8	0.8	20	1	AX322933	C 797	13.8	0.8	21	1	ATH493642	ACCESSION:ATH493642
C 725	13.8	0.8	20	1	AX326898	C 798	13.6	0.8	20	1	A42360	ACCESSION:A42360
C 726	13.8	0.8	20	1	AX326958	C 799	13.6	0.8	20	1	A43999	ACCESSION:A43999
C 727	13.8	0.8	20	1	AX370501	C 800	13.6	0.8	20	1	A47182	ACCESSION:A47182
C 728	13.8	0.8	20	1	AX378766	C 801	13.6	0.8	20	1	A56654	ACCESSION:A56654
C 729	13.8	0.8	20	1	AX462686	C 802	13.6	0.8	20	1	A64649	ACCESSION:A64649
C 730	13.8	0.8	20	1	AX487888	C 803	13.6	0.8	20	1	AR001339	ACCESSION:AR001339
C 731	13.8	0.8	20	1	AX488298	C 804	13.6	0.8	20	1	AR026549	ACCESSION:AR026549
C 732	13.8	0.8	20	1	AX547880	C 805	13.6	0.8	20	1	AR026552	ACCESSION:AR026552
C 733	13.8	0.8	20	1	AX592208	C 806	13.6	0.8	20	1	AR037519	ACCESSION:AR037519
C 734	13.8	0.8	20	1	AX742662	C 807	13.6	0.8	20	1	AR044567	ACCESSION:AR044567
C 735	13.8	0.8	20	1	AX742663	C 808	13.6	0.8	20	1	AR062615	ACCESSION:AR062615
C 736	13.8	0.8	20	1	AX785565	C 809	13.6	0.8	20	1	AR062799	ACCESSION:AR062799
C 737	13.8	0.8	20	1	AX794323	C 810	13.6	0.8	20	1	AR064711	ACCESSION:AR064711
C 738	13.8	0.8	20	1	AX800092	C 811	13.6	0.8	20	1	AR067396	ACCESSION:AR067396
C 739	13.8	0.8	20	1	BD001766	C 812	13.6	0.8	20	1	AR073942	ACCESSION:AR073942
C 740	13.8	0.8	20	1	BD057033	C 813	13.6	0.8	20	1	AR086199	ACCESSION:AR086199
C 741	13.8	0.8	20	1	BD088508	C 814	13.6	0.8	20	1	AR087877	ACCESSION:AR087877
C 742	13.8	0.8	20	1	BD091606	C 815	13.6	0.8	20	1	AR089168	ACCESSION:AR089168
C 743	13.8	0.8	20	1	BD097079	C 816	13.6	0.8	20	1	AR091347	ACCESSION:AR091347
C 744	13.8	0.8	20	1	BD106314	C 817	13.6	0.8	20	1	AR104718	ACCESSION:AR104718
C 745	13.8	0.8	20	1	BD128200	C 818	13.6	0.8	20	1	AR105540	ACCESSION:AR105540
C 746	13.8	0.8	20	1	BD141810	C 819	13.6	0.8	20	1	AR111778	ACCESSION:AR111778
C 747	13.8	0.8	20	1	BD143534	C 820	13.6	0.8	20	1	AR117583	ACCESSION:AR117583
C 748	13.8	0.8	20	1	BD168800	C 821	13.6	0.8	20	1	AR117644	ACCESSION:AR117644
C 749	13.8	0.8	20	1	BD174283	C 822	13.6	0.8	20	1	AR118053	ACCESSION:AR118053
C 750	13.8	0.8	20	1	BD183672	C 823	13.6	0.8	20	1	AR123202	ACCESSION:AR123202
C 751	13.8	0.8	20	1	BD184516	C 824	13.6	0.8	20	1	AR127772	ACCESSION:AR127772
C 752	13.8	0.8	20	1	BD184515	C 825	13.6	0.8	20	1	AR128997	ACCESSION:AR128997
C 753	13.8	0.8	20	1	BD184516	C 826	13.6	0.8	20	1	AR129000	ACCESSION:AR129000
C 754	13.8	0.8	20	1	BD192578	C 827	13.6	0.8	20	1	AR135662	ACCESSION:AR135662
C 755	13.8	0.8	20	1	AB069393	C 828	13.6	0.8	20	1	AR143147	ACCESSION:AR143147
C 756	13.8	0.8	21	1	A20525	C 829	13.6	0.8	20	1	AR144939	ACCESSION:AR144939
C 757	13.8	0.8	21	1	A20526	C 830	13.6	0.8	20	1	AR145940	ACCESSION:AR145940
C 758	13.8	0.8	21	1	A36688	C 831	13.6	0.8	20	1	AR148259	ACCESSION:AR148259
C 759	13.8	0.8	21	1	A37126	C 832	13.6	0.8	20	1	AR160173	ACCESSION:AR160173
C 760	13.8	0.8	21	1	A52402	C 833	13.6	0.8	20	1	AR160174	ACCESSION:AR160174
C 761	13.8	0.8	21	1	AR025282	C 834	13.6	0.8	20	1	AR163876	ACCESSION:AR163876
C 762	13.8	0.8	21	1	AR126048	C 835	13.6	0.8	20	1	AR176765	ACCESSION:AR176765
C 763	13.8	0.8	21	1	AR130446							

837	13.6	0.8	20	1	BD229912	ACCESSION:BD229912	910	13.6	0.8	20	1	AX429373	ACCESSION:AX429373
838	13.6	0.8	20	1	BD243322	ACCESSION:BD243322	911	13.6	0.8	20	1	AX452338	ACCESSION:AX452338
839	13.6	0.8	20	1	BD250319	ACCESSION:BD250319	c 912	13.6	0.8	20	1	AX477239	ACCESSION:AX477239
840	13.6	0.8	20	1	BD252004	ACCESSION:BD252004	c 913	13.6	0.8	20	1	AX488424	ACCESSION:AX488424
841	13.6	0.8	20	1	BD273740	ACCESSION:BD273740	c 914	13.6	0.8	20	1	AX526615	ACCESSION:AX526615
842	13.6	0.8	20	1	E07684	ACCESSION:E07684	c 915	13.6	0.8	20	1	AX547104	ACCESSION:AX547104
843	13.6	0.8	20	1	E49521	ACCESSION:E49521	c 916	13.6	0.8	20	1	AX554352	ACCESSION:AX554352
844	13.6	0.8	20	1	I12355	ACCESSION:I12355	c 917	13.6	0.8	20	1	AX662837	ACCESSION:AX662837
845	13.6	0.8	20	1	I20617	ACCESSION:I20617	918	13.6	0.8	20	1	AX662981	ACCESSION:AX662981
846	13.6	0.8	20	1	I27241	ACCESSION:I27241	919	13.6	0.8	20	1	AX698547	ACCESSION:AX698547
847	13.6	0.8	20	1	I33310	ACCESSION:I33310	920	13.6	0.8	20	1	AX710138	ACCESSION:AX710138
848	13.6	0.8	20	1	I33964	ACCESSION:I33964	c 921	13.6	0.8	20	1	AX739954	ACCESSION:AX739954
849	13.6	0.8	20	1	I41173	ACCESSION:I41173	c 922	13.6	0.8	20	1	AX750564	ACCESSION:AX750564
850	13.6	0.8	20	1	I72499	ACCESSION:I72499	c 923	13.6	0.8	20	1	AX812145	ACCESSION:AX812145
851	13.6	0.8	20	1	I84733	ACCESSION:I84733	924	13.6	0.8	20	1	AX838661	ACCESSION:AX838661
852	13.6	0.8	20	1	AR179818	ACCESSION:AR179818	925	13.6	0.8	20	1	BD069976	ACCESSION:BD069976
853	13.6	0.8	20	1	AR182885	ACCESSION:AR182885	926	13.6	0.8	20	1	BD083407	ACCESSION:BD083407
854	13.6	0.8	20	1	AR183678	ACCESSION:AR183678	c 927	13.6	0.8	20	1	BD088358	ACCESSION:BD088358
855	13.6	0.8	20	1	AR193525	ACCESSION:AR193525	c 928	13.6	0.8	20	1	BD089130	ACCESSION:BD089130
856	13.6	0.8	20	1	AR194130	ACCESSION:AR194130	c 929	13.6	0.8	20	1	BD091266	ACCESSION:BD091266
857	13.6	0.8	20	1	AR194131	ACCESSION:AR194131	930	13.6	0.8	20	1	BD091267	ACCESSION:BD091267
858	13.6	0.8	20	1	AR212437	ACCESSION:AR212437	c 931	13.6	0.8	20	1	BD091490	ACCESSION:BD091490
859	13.6	0.8	20	1	AR215964	ACCESSION:AR215964	c 932	13.6	0.8	20	1	BD094584	ACCESSION:BD094584
860	13.6	0.8	20	1	AR226192	ACCESSION:AR226192	c 933	13.6	0.8	20	1	BD124138	ACCESSION:BD124138
861	13.6	0.8	20	1	AR228868	ACCESSION:AR228868	c 934	13.6	0.8	20	1	BD137400	ACCESSION:BD137400
862	13.6	0.8	20	1	AR228978	ACCESSION:AR228978	935	13.6	0.8	20	1	BD142386	ACCESSION:BD142386
863	13.6	0.8	20	1	AR229037	ACCESSION:AR229037	936	13.6	0.8	20	1	BD161599	ACCESSION:BD161599
864	13.6	0.8	20	1	AR230865	ACCESSION:AR230865	937	13.6	0.8	20	1	BD167763	ACCESSION:BD167763
865	13.6	0.8	20	1	AR231020	ACCESSION:AR231020	c 938	13.6	0.8	20	1	BD177730	ACCESSION:BD177730
866	13.6	0.8	20	1	AR236817	ACCESSION:AR236817	c 939	13.6	0.8	20	1	BD195964	ACCESSION:BD195964
867	13.6	0.8	20	1	AR237466	ACCESSION:AR237466	c 940	13.6	0.8	20	1	BD209849	ACCESSION:BD209849
868	13.6	0.8	20	1	AR241052	ACCESSION:AR241052	c 941	13.6	0.8	20	1	AB067825	ACCESSION:AB067825
869	13.6	0.8	20	1	AR254168	ACCESSION:AR254168	942	13.6	0.8	20	1	AX097124	ACCESSION:AX097124
870	13.6	0.8	20	1	AR271160	ACCESSION:AR271160	943	13.4	0.8	15	1	I61766	ACCESSION:I61766
871	13.6	0.8	20	1	AR272023	ACCESSION:AR272023	c 944	13.4	0.8	15	1	AR180165	ACCESSION:AR180165
872	13.6	0.8	20	1	AR299882	ACCESSION:AR299882	c 945	13.4	0.8	15	1	AR192931	ACCESSION:AR192931
873	13.6	0.8	20	1	AR311535	ACCESSION:AR311535	c 946	13.4	0.8	15	1	AR326673	ACCESSION:AR326673
874	13.6	0.8	20	1	AR312857	ACCESSION:AR312857	c 947	13.4	0.8	15	1	AR432984	ACCESSION:AR432984
875	13.6	0.8	20	1	AR313112	ACCESSION:AR313112	948	13.4	0.8	15	1	AX572373	ACCESSION:AX572373
876	13.6	0.8	20	1	AR314048	ACCESSION:AR314048	949	13.4	0.8	15	1	AX636095	ACCESSION:AX636095
877	13.6	0.8	20	1	AR314724	ACCESSION:AR314724	c 950	13.4	0.8	16	1	AR329592	ACCESSION:AR329592
878	13.6	0.8	20	1	AR315410	ACCESSION:AR315410	c 951	13.4	0.8	17	1	AR120029	ACCESSION:AR120029
879	13.6	0.8	20	1	AR315530	ACCESSION:AR315530	c 952	13.4	0.8	17	1	AR145684	ACCESSION:AR145684
880	13.6	0.8	20	1	AR3160850	ACCESSION:AR3160850	c 953	13.4	0.8	17	1	AR145684	ACCESSION:AR145684
881	13.6	0.8	20	1	AR360851	ACCESSION:AR360851	c 954	13.4	0.8	17	1	AR174508	ACCESSION:AR174508
882	13.6	0.8	20	1	AR366650	ACCESSION:AR366650	c 955	13.4	0.8	17	1	BD258571	ACCESSION:BD258571
883	13.6	0.8	20	1	AR370540	ACCESSION:AR370540	c 956	13.4	0.8	17	1	AR186441	ACCESSION:AR186441
884	13.6	0.8	20	1	AR373075	ACCESSION:AR373075	c 957	13.4	0.8	17	1	AR188733	ACCESSION:AR188733
885	13.6	0.8	20	1	AR432241	ACCESSION:AR432241	c 958	13.4	0.8	17	1	AR286066	ACCESSION:AR286066
886	13.6	0.8	20	1	AR432594	ACCESSION:AR432594	c 959	13.4	0.8	17	1	AR286132	ACCESSION:AR286132
887	13.6	0.8	20	1	AX000116	ACCESSION:AX000116	c 960	13.4	0.8	17	1	AR323072	ACCESSION:AR323072
888	13.6	0.8	20	1	AX020765	ACCESSION:AX020765	961	13.4	0.8	17	1	AR324586	ACCESSION:AR324586
889	13.6	0.8	20	1	AX035595	ACCESSION:AX035595	c 962	13.4	0.8	17	1	AR327362	ACCESSION:AR327362
890	13.6	0.8	20	1	AX040559	ACCESSION:AX040559	c 963	13.4	0.8	17	1	AR398056	ACCESSION:AR398056
891	13.6	0.8	20	1	AX041001	ACCESSION:AX041001	964	13.4	0.8	17	1	AR398122	ACCESSION:AR398122
892	13.6	0.8	20	1	AX081374	ACCESSION:AX081374	c 965	13.4	0.8	17	1	AR401961	ACCESSION:AR401961
893	13.6	0.8	20	1	AX104051	ACCESSION:AX104051	c 966	13.4	0.8	17	1	AR434123	ACCESSION:AR434123
894	13.6	0.8	20	1	AX188686	ACCESSION:AX188686	c 967	13.4	0.8	17	1	AX217889	ACCESSION:AX217889
895	13.6	0.8	20	1	AX195351	ACCESSION:AX195351	c 968	13.4	0.8	17	1	AX217890	ACCESSION:AX217890
896	13.6	0.8	20	1	AX235177	ACCESSION:AX235177	969	13.4	0.8	17	1	AX423566	ACCESSION:AX423566
897	13.6	0.8	20	1	AX235883	ACCESSION:AX235883	c 970	13.4	0.8	17	1	AX475011	ACCESSION:AX475011
898	13.6	0.8	20	1	AX283204	ACCESSION:AX283204	c 971	13.4	0.8	17	1	AX475012	ACCESSION:AX475012
899	13.6	0.8	20	1	AX283273	ACCESSION:AX283273	c 972	13.4	0.8	17	1	AX498755	ACCESSION:AX498755
900	13.6	0.8	20	1	AX297180	ACCESSION:AX297180	c 973	13.4	0.8	17	1	AX498758	ACCESSION:AX498758
901	13.6	0.8	20	1	AX298870	ACCESSION:AX298870	974	13.4	0.8	17	1	AX531468	ACCESSION:AX531468
902	13.6	0.8	20	1	AX300105	ACCESSION:AX300105	975	13.4	0.8	17	1	AX531469	ACCESSION:AX531469
903	13.6	0.8	20	1	AX316288	ACCESSION:AX316288	976	13.4	0.8	17	1	AX531470	ACCESSION:AX531470
904	13.6	0.8	20	1	AX327675	ACCESSION:AX327675	c 977	13.4	0.8	17	1	AX532295	ACCESSION:AX532295
905	13.6	0.8	20	1	AX355382	ACCESSION:AX355382	c 978	13.4	0.8	17	1	AX532296	ACCESSION:AX532296
906	13.6	0.8	20	1	AX397602	ACCESSION:AX397602	c 979	13.4	0.8	17	1	AX532297	ACCESSION:AX532297
907	13.6	0.8	20	1	AX397905	ACCESSION:AX397905	980	13.4	0.8	17	1	AX578500	ACCESSION:AX578500
908	13.6	0.8	20	1	AX405378	ACCESSION:AX405378	981	13.4	0.8	17	1	AX578972	ACCESSION:AX578972
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983	13.4	0.8	17	1	AX5793352	ACCESSION:AX5793352	CI056	13.4	0.8	20	1	AR228858	ACCESSION:AR228858
984	13.4	0.8	17	1	AX5793399	ACCESSION:AX5793399	1057	13.4	0.8	20	1	AR261678	ACCESSION:AR261678
985	13.4	0.8	17	1	AX579662	ACCESSION:AX579662	1058	13.4	0.8	20	1	AR265925	ACCESSION:AR265925
986	13.4	0.8	17	1	AX579715	ACCESSION:AX579715	1059	13.4	0.8	20	1	AR295503	ACCESSION:AR295503
987	13.4	0.8	17	1	AX579824	ACCESSION:AX579824	1060	13.4	0.8	20	1	AR312018	ACCESSION:AR312018
988	13.4	0.8	17	1	AX579824	ACCESSION:AX579824	1061	13.4	0.8	20	1	AR314953	ACCESSION:AR314953
989	13.4	0.8	17	1	AX673361	ACCESSION:AX673361	1062	13.4	0.8	20	1	AR337128	ACCESSION:AR337128
990	13.4	0.8	17	1	AX674340	ACCESSION:AX674340	1063	13.4	0.8	20	1	AR337128	ACCESSION:AR337128
991	13.4	0.8	17	1	AX725610	ACCESSION:AX725610	1064	13.4	0.8	20	1	AX037411	ACCESSION:AX037411
992	13.4	0.8	17	1	AX725610	ACCESSION:AX725610	1065	13.4	0.8	20	1	AX076814	ACCESSION:AX076814
993	13.4	0.8	17	1	AX727728	ACCESSION:AX727728	1066	13.4	0.8	20	1	AX093458	ACCESSION:AX093458
994	13.4	0.8	17	1	AX729692	ACCESSION:AX729692	1067	13.4	0.8	20	1	AX110071	ACCESSION:AX110071
995	13.4	0.8	17	1	AX734496	ACCESSION:AX734496	1068	13.4	0.8	20	1	AX139717	ACCESSION:AX139717
996	13.4	0.8	17	1	AX753957	ACCESSION:AX753957	1069	13.4	0.8	20	1	AX180995	ACCESSION:AX180995
997	13.4	0.8	17	1	AX753958	ACCESSION:AX753958	1070	13.4	0.8	20	1	AX181002	ACCESSION:AX181002
998	13.4	0.8	17	1	AX753959	ACCESSION:AX753959	1071	13.4	0.8	20	1	AX195360	ACCESSION:AX195360
999	13.4	0.8	17	1	BD067461	ACCESSION:BD067461	1072	13.4	0.8	20	1	AX201172	ACCESSION:AX201172
1000	13.4	0.8	17	1	BD200671	ACCESSION:BD200671	1073	13.4	0.8	20	1	AX223944	ACCESSION:AX223944
1001	13.4	0.8	17	1	BD201266	ACCESSION:BD201266	1074	13.4	0.8	20	1	AX297139	ACCESSION:AX297139
1002	13.4	0.8	17	1	BD203457	ACCESSION:BD203457	1075	13.4	0.8	20	1	AX477641	ACCESSION:AX477641
1003	13.4	0.8	18	1	AR085641	ACCESSION:AR085641	1076	13.4	0.8	20	1	AX488332	ACCESSION:AX488332
1004	13.4	0.8	18	1	AR217310	ACCESSION:AR217310	1077	13.4	0.8	20	1	AX505061	ACCESSION:AX505061
1005	13.4	0.8	18	1	AR274512	ACCESSION:AR274512	1078	13.4	0.8	20	1	AX554359	ACCESSION:AX554359
1006	13.4	0.8	18	1	AR297042	ACCESSION:AR297042	1079	13.4	0.8	20	1	BD075163	ACCESSION:BD075163
1007	13.4	0.8	18	1	AX117722	ACCESSION:AX117722	1080	13.4	0.8	20	1	BD167919	ACCESSION:BD167919
1008	13.4	0.8	18	1	BD067020	ACCESSION:BD067020	1081	13.4	0.8	20	1	BD195403	ACCESSION:BD195403
1009	13.4	0.8	18	1	BD089632	ACCESSION:BD089632	1082	13.4	0.8	20	1	BD195424	ACCESSION:BD195424
1010	13.4	0.8	18	1	BD089632	ACCESSION:BD089632	1083	13.4	0.8	20	1	DOGHX7B	ACCESSION:DOGHX7B
1011	13.4	0.8	19	1	E33605	ACCESSION:E33605	1084	13.2	0.8	20	1	DOGTORBB	ACCESSION:DOGTORBB
1012	13.4	0.8	19	1	I32966	ACCESSION:I32966	1085	13.2	0.8	18	1	DMNLA249	ACCESSION:DMNLA249
1013	13.4	0.8	19	1	AR199290	ACCESSION:AR199290	1086	13.2	0.8	18	1	AR088252	ACCESSION:AR088252
1014	13.4	0.8	19	1	AX003869	ACCESSION:AX003869	1087	13.2	0.8	18	1	AR096399	ACCESSION:AR096399
1015	13.4	0.8	19	1	AX017788	ACCESSION:AX017788	1088	13.2	0.8	18	1	AR117188	ACCESSION:AR117188
1016	13.4	0.8	19	1	AX115162	ACCESSION:AX115162	1089	13.2	0.8	18	1	AR120032	ACCESSION:AR120032
1017	13.4	0.8	19	1	AX129661	ACCESSION:AX129661	1090	13.2	0.8	18	1	AR176635	ACCESSION:AR176635
1018	13.4	0.8	19	1	AX266984	ACCESSION:AX266984	1091	13.2	0.8	18	1	BD234486	ACCESSION:BD234486
1019	13.4	0.8	19	1	AX326569	ACCESSION:AX326569	1092	13.2	0.8	18	1	BD234487	ACCESSION:BD234487
1020	13.4	0.8	19	1	AX537792	ACCESSION:AX537792	1093	13.2	0.8	18	1	BD234620	ACCESSION:BD234620
1021	13.4	0.8	19	1	AX538100	ACCESSION:AX538100	1094	13.2	0.8	18	1	BD237184	ACCESSION:BD237184
1022	13.4	0.8	19	1	AX686093	ACCESSION:AX686093	1095	13.2	0.8	18	1	BD237185	ACCESSION:BD237185
1023	13.4	0.8	19	1	BD008806	ACCESSION:BD008806	1096	13.2	0.8	18	1	BD273597	ACCESSION:BD273597
1024	13.4	0.8	19	1	BD131683	ACCESSION:BD131683	1097	13.2	0.8	18	1	BD273597	ACCESSION:BD273597
1025	13.4	0.8	20	1	DO22152P01	ACCESSION:DO22152P01	1098	13.2	0.8	18	1	BD273605	ACCESSION:BD273605
1026	13.4	0.8	20	1	AL7880	ACCESSION:AL7880	1099	13.2	0.8	18	1	I06265	ACCESSION:I06265
1027	13.4	0.8	20	1	AL7885	ACCESSION:AL7885	1100	13.2	0.8	18	1	I13828	ACCESSION:I13828
1028	13.4	0.8	20	1	AL7887	ACCESSION:AL7887	1101	13.2	0.8	18	1	I28002	ACCESSION:I28002
1029	13.4	0.8	20	1	AL7898	ACCESSION:AL7898	1102	13.2	0.8	18	1	AR187554	ACCESSION:AR187554
1030	13.4	0.8	20	1	AR011896	ACCESSION:AR011896	1103	13.2	0.8	18	1	AR211196	ACCESSION:AR211196
1031	13.4	0.8	20	1	AR016172	ACCESSION:AR016172	1104	13.2	0.8	18	1	AR230216	ACCESSION:AR230216
1032	13.4	0.8	20	1	AR016197	ACCESSION:AR016197	1105	13.2	0.8	18	1	AR235289	ACCESSION:AR235289
1033	13.4	0.8	20	1	AR019170	ACCESSION:AR019170	1106	13.2	0.8	18	1	AR266231	ACCESSION:AR266231
1034	13.4	0.8	20	1	AR019195	ACCESSION:AR019195	1107	13.2	0.8	18	1	AR281908	ACCESSION:AR281908
1035	13.4	0.8	20	1	AR060250	ACCESSION:AR060250	1108	13.2	0.8	18	1	AR285176	ACCESSION:AR285176
1036	13.4	0.8	20	1	AR060271	ACCESSION:AR060271	1109	13.2	0.8	18	1	AR295510	ACCESSION:AR295510
1037	13.4	0.8	20	1	AR119573	ACCESSION:AR119573	1110	13.2	0.8	18	1	AR299747	ACCESSION:AR299747
1038	13.4	0.8	20	1	AR130162	ACCESSION:AR130162	1111	13.2	0.8	18	1	AR324068	ACCESSION:AR324068
1039	13.4	0.8	20	1	AR137289	ACCESSION:AR137289	1112	13.2	0.8	18	1	AR342774	ACCESSION:AR342774
1040	13.4	0.8	20	1	AR159690	ACCESSION:AR159690	1113	13.2	0.8	18	1	AR382496	ACCESSION:AR382496
1041	13.4	0.8	20	1	BD230182	ACCESSION:BD230182	1114	13.2	0.8	18	1	AR382504	ACCESSION:AR382504
1042	13.4	0.8	20	1	BD230806	ACCESSION:BD230806	1115	13.2	0.8	18	1	AR392119	ACCESSION:AR392119
1043	13.4	0.8	20	1	BD231272	ACCESSION:BD231272	1116	13.2	0.8	18	1	AR405004	ACCESSION:AR405004
1044	13.4	0.8	20	1	BD250309	ACCESSION:BD250309	1117	13.2	0.8	18	1	AX020786	ACCESSION:AX020786
1045	13.4	0.8	20	1	E29924	ACCESSION:E29924	1118	13.2	0.8	18	1	AX060749	ACCESSION:AX060749
1046	13.4	0.8	20	1	E50954	ACCESSION:E50954	1119	13.2	0.8	18	1	AX060928	ACCESSION:AX060928
1047	13.4	0.8	20	1	I73398	ACCESSION:I73398	1120	13.2	0.8	18	1	AX068306	ACCESSION:AX068306
1048	13.4	0.8	20	1	I78528	ACCESSION:I78528	1121	13.2	0.8	18	1	AX128414	ACCESSION:AX128414
1049	13.4	0.8	20	1	AR182017	ACCESSION:AR182017	1122	13.2	0.8	18	1	AX132969	ACCESSION:AX132969
1050	13.4	0.8	20	1	AR182022	ACCESSION:AR182022	1123	13.2	0.8	18	1	AX133066	ACCESSION:AX133066
1051	13.4	0.8	20	1	AR182024	ACCESSION:AR182024	1124	13.2	0.8	18	1	AX226473	ACCESSION:AX226473
1052	13.4	0.8	20	1	AR207132	ACCESSION:AR207132	1125	13.2	0.8	18	1	AX29837	ACCESSION:AX29837
1053	13.4	0.8	20	1	AR212077	ACCESSION:AR212077	1126	13.2	0.8	18	1	AX710922	ACCESSION:AX710922
1054	13.4	0.8	20	1			1127	13.2	0.8	18	1	AX837807	ACCESSION:AX837807
1055	13.4	0.8	20	1			1128	13.2	0.8	18	1	AX838292	ACCESSION:AX838292

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1132	13.2	0.8	18	1	BD087930	c1205	13.2	0.8	20	1	AR095032	ACCESSION:AR095032
1133	13.2	0.8	18	1	BD087999	1206	13.2	0.8	20	1	AR099499	ACCESSION:AR099499
1134	13.2	0.8	18	1	BD094713	1207	13.2	0.8	20	1	AR100262	ACCESSION:AR100262
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1137	13.2	0.8	18	1	BD176134	1210	13.2	0.8	20	1	AR126645	ACCESSION:AR126645
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1140	13.2	0.8	18	1	S88367	c1213	13.2	0.8	20	1	AR143662	ACCESSION:AR143662
1141	13.2	0.8	19	1	A30770	1214	13.2	0.8	20	1	AR143690	ACCESSION:AR143690
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c1147	13.2	0.8	19	1	BD232822	c1220	13.2	0.8	20	1	AR157264	ACCESSION:AR157264
c1148	13.2	0.8	19	1	I78663	1221	13.2	0.8	20	1	AR169285	ACCESSION:AR169285
1149	13.2	0.8	19	1	I86616	c1222	13.2	0.8	20	1	AR169317	ACCESSION:AR169317
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c1151	13.2	0.8	19	1	AR224943	1224	13.2	0.8	20	1	AR173040	ACCESSION:AR173040
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1153	13.2	0.8	19	1	AR299301	1226	13.2	0.8	20	1	AR175728	ACCESSION:AR175728
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1158	13.2	0.8	19	1	AX129009	1231	13.2	0.8	20	1	BD243252	ACCESSION:BD243252
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1161	13.2	0.8	19	1	AX129350	c1234	13.2	0.8	20	1	BD251154	ACCESSION:BD251154
1162	13.2	0.8	19	1	AX129459	1235	13.2	0.8	20	1	E12868	ACCESSION:E12868
1163	13.2	0.8	19	1	AX129566	c1236	13.2	0.8	20	1	E14235	ACCESSION:E14235
1164	13.2	0.8	19	1	AX130001	1237	13.2	0.8	20	1	E23749	ACCESSION:E23749
c1165	13.2	0.8	19	1	AX130128	c1238	13.2	0.8	20	1	E35708	ACCESSION:E35708
1166	13.2	0.8	19	1	AX130712	1239	13.2	0.8	20	1	E59458	ACCESSION:E59458
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1171	13.2	0.8	19	1	AX353202	1244	13.2	0.8	20	1	I44654	ACCESSION:I44654
1172	13.2	0.8	19	1	AX353205	c1245	13.2	0.8	20	1	I46618	ACCESSION:I46618
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1175	13.2	0.8	19	1	AX363043	1248	13.2	0.8	20	1	I83050	ACCESSION:I83050
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1182	13.2	0.8	19	1	AX816725	c1255	13.2	0.8	20	1	AR225012	ACCESSION:AR225012
1183	13.2	0.8	19	1	BD070019	1256	13.2	0.8	20	1	AR225849	ACCESSION:AR225849
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1185	13.2	0.8	19	1	BD089465	1258	13.2	0.8	20	1	AR229033	ACCESSION:AR229033
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1189	13.2	0.8	19	1	AB067928	c1262	13.2	0.8	20	1	AR252793	ACCESSION:AR252793
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1192	13.2	0.8	20	1	A44450	1265	13.2	0.8	20	1	AR267178	ACCESSION:AR267178
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1196	13.2	0.8	20	1	AR016028	1270	13.2	0.8	20	1	AR300816	ACCESSION:AR300816
1197	13.2	0.8	20	1	AR023716	c1271	13.2	0.8	20	1	AR313054	ACCESSION:AR313054
1198	13.2	0.8	20	1	AR051270	1272	13.2	0.8	20	1	AR313068	ACCESSION:AR313068
c1199	13.2	0.8	20	1	AR066772	1273	13.2	0.8	20	1	AR313766	ACCESSION:AR313766
c1200	13.2	0.8	20	1	AR070562	1274	13.2	0.8	20	1	AR313889	ACCESSION:AR313889
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1275	13.2	0.8	20	1	AR314426	ACCESSION: AR314426	cl348	13.2	0.8	20	1	BD177729	ACCESSION: BD177729
1276	13.2	0.8	20	1	AR336961	ACCESSION: AR336961	1349	13.2	0.8	20	1	BD196324	ACCESSION: BD196324
1277	13.2	0.8	20	1	AR373531	ACCESSION: AR373531	cl350	13.2	0.8	20	1	BD205275	ACCESSION: BD205275
1278	13.2	0.8	20	1	AR373979	ACCESSION: AR373979	1351	13.2	0.8	20	1	BD205282	ACCESSION: BD205282
1279	13.2	0.8	20	1	AR373986	ACCESSION: AR373986	cl352	13.2	0.8	20	1	AB067933	ACCESSION: AB067933
1280	13.2	0.8	20	1	AR428075	ACCESSION: AR428075	cl353	13.2	0.8	20	1	AB067939	ACCESSION: AB067939
1281	13.2	0.8	20	1	AR436994	ACCESSION: AR436994	1354	13.2	0.8	20	1	AB068134	ACCESSION: AB068134
1282	13.2	0.8	20	1	AR437041	ACCESSION: AR437041	cl355	13.2	0.8	20	1	AB068971	ACCESSION: AB068971
1283	13.2	0.8	20	1	AR437103	ACCESSION: AR437103	cl356	13.2	0.8	20	1	AB069477	ACCESSION: AB069477
1284	13.2	0.8	20	1	AR437216	ACCESSION: AR437216	1357	13	0.7	15	1	AR105275	ACCESSION: AR105275
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1288	13.2	0.8	20	1	AX040969	ACCESSION: AX040969	1361	13	0.7	16	1	AX03932	ACCESSION: AX03932
1289	13.2	0.8	20	1	AX074243	ACCESSION: AX074243	1362	13	0.7	17	1	AX14602	ACCESSION: AX14602
1290	13.2	0.8	20	1	AX146433	ACCESSION: AX146433	1363	13	0.7	17	1	AR164582	ACCESSION: AR164582
1291	13.2	0.8	20	1	AX167949	ACCESSION: AX167949	cl364	13	0.7	17	1	BD253918	ACCESSION: BD253918
1292	13.2	0.8	20	1	AX188450	ACCESSION: AX188450	1365	13	0.7	17	1	I30320	ACCESSION: I30320
1293	13.2	0.8	20	1	AX224908	ACCESSION: AX224908	1366	13	0.7	17	1	AR188814	ACCESSION: AR188814
1294	13.2	0.8	20	1	AX226334	ACCESSION: AX226334	1367	13	0.7	17	1	AR192172	ACCESSION: AR192172
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1297	13.2	0.8	20	1	AX293139	ACCESSION: AX293139	1370	13	0.7	17	1	AR326047	ACCESSION: AR326047
1298	13.2	0.8	20	1	AX293952	ACCESSION: AX293952	1371	13	0.7	17	1	AR326059	ACCESSION: AR326059
1299	13.2	0.8	20	1	AX296043	ACCESSION: AX296043	1372	13	0.7	17	1	AR329102	ACCESSION: AR329102
1300	13.2	0.8	20	1	AX298833	ACCESSION: AX298833	1373	13	0.7	17	1	AR329417	ACCESSION: AR329417
1301	13.2	0.8	20	1	AX304905	ACCESSION: AX304905	1374	13	0.7	17	1	AR434117	ACCESSION: AR434117
1302	13.2	0.8	20	1	AX322802	ACCESSION: AX322802	cl375	13	0.7	17	1	AX081871	ACCESSION: AX081871
1303	13.2	0.8	20	1	AX363224	ACCESSION: AX363224	1376	13	0.7	17	1	AX214568	ACCESSION: AX214568
1304	13.2	0.8	20	1	AX412191	ACCESSION: AX412191	cl377	13	0.7	17	1	AX218192	ACCESSION: AX218192
1305	13.2	0.8	20	1	AX412222	ACCESSION: AX412222	cl378	13	0.7	17	1	AX272681	ACCESSION: AX272681
1306	13.2	0.8	20	1	AX429773	ACCESSION: AX429773	cl379	13	0.7	17	1	AX273008	ACCESSION: AX273008
1307	13.2	0.8	20	1	AX440983	ACCESSION: AX440983	1380	13	0.7	17	1	AX579128	ACCESSION: AX579128
1308	13.2	0.8	20	1	AX440985	ACCESSION: AX440985	cl381	13	0.7	17	1	AX671736	ACCESSION: AX671736
1309	13.2	0.8	20	1	AX462789	ACCESSION: AX462789	1382	13	0.7	17	1	AX706658	ACCESSION: AX706658
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1311	13.2	0.8	20	1	AX487050	ACCESSION: AX487050	1384	13	0.7	17	1	AX727073	ACCESSION: AX727073
1312	13.2	0.8	20	1	AX511438	ACCESSION: AX511438	cl385	13	0.7	17	1	AX733114	ACCESSION: AX733114
1313	13.2	0.8	20	1	AX544175	ACCESSION: AX544175	1386	13	0.7	17	1	AX733788	ACCESSION: AX733788
1314	13.2	0.8	20	1	AX587388	ACCESSION: AX587388	cl387	13	0.7	17	1	AX759932	ACCESSION: AX759932
1315	13.2	0.8	20	1	AX590750	ACCESSION: AX590750	1388	13	0.7	17	1	AX762247	ACCESSION: AX762247
1316	13.2	0.8	20	1	AX591958	ACCESSION: AX591958	cl389	13	0.7	18	1	A36326	ACCESSION: A36326
1317	13.2	0.8	20	1	AX665317	ACCESSION: AX665317	cl390	13	0.7	18	1	A67081	ACCESSION: A67081
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1321	13.2	0.8	20	1	AX767230	ACCESSION: AX767230	cl394	13	0.7	18	1	I78468	ACCESSION: I78468
1322	13.2	0.8	20	1	AX774432	ACCESSION: AX774432	cl395	13	0.7	19	1	AR202978	ACCESSION: AR202978
1323	13.2	0.8	20	1	AX781618	ACCESSION: AX781618	1396	13	0.7	19	1	AX128801	ACCESSION: AX128801
1324	13.2	0.8	20	1	BD004302	ACCESSION: BD004302	cl397	13	0.7	20	1	AR035106	ACCESSION: AR035106
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1326	13.2	0.8	20	1	BD008716	ACCESSION: BD008716	cl399	13	0.7	20	1	AR040623	ACCESSION: AR040623
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1328	13.2	0.8	20	1	BD016035	ACCESSION: BD016035	1401	13	0.7	20	1	AR089440	ACCESSION: AR089440
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1330	13.2	0.8	20	1	BD017306	ACCESSION: BD017306	1403	13	0.7	20	1	AR099539	ACCESSION: AR099539
1331	13.2	0.8	20	1	BD057169	ACCESSION: BD057169	cl404	13	0.7	20	1	AR100349	ACCESSION: AR100349
1332	13.2	0.8	20	1	BD057888	ACCESSION: BD057888	cl405	13	0.7	20	1	AR104888	ACCESSION: AR104888
1333	13.2	0.8	20	1	BD083389	ACCESSION: BD083389	cl406	13	0.7	20	1	AR139530	ACCESSION: AR139530
1334	13.2	0.8	20	1	BD083401	ACCESSION: BD083401	1407	13	0.7	20	1	AR150004	ACCESSION: AR150004
1335	13.2	0.8	20	1	BD085694	ACCESSION: BD085694	cl408	13	0.7	20	1	AR178820	ACCESSION: AR178820
1336	13.2	0.8	20	1	BD088172	ACCESSION: BD088172	1409	13	0.7	20	1	BD227877	ACCESSION: BD227877
1337	13.2	0.8	20	1	BD089433	ACCESSION: BD089433	cl410	13	0.7	20	1	BD261551	ACCESSION: BD261551
1338	13.2	0.8	20	1	BD089462	ACCESSION: BD089462	cl411	13	0.7	20	1	I19634	ACCESSION: I19634
1339	13.2	0.8	20	1	BD089831	ACCESSION: BD089831	1412	13	0.7	20	1	I85754	ACCESSION: I85754
1340	13.2	0.8	20	1	BD091489	ACCESSION: BD091489	cl413	13	0.7	20	1	AR208101	ACCESSION: AR208101
1341	13.2	0.8	20	1	BD129965	ACCESSION: BD129965	1414	13	0.7	20	1	AR275060	ACCESSION: AR275060
1342	13.2	0.8	20	1	BD134190	ACCESSION: BD134190	cl415	13	0.7	20	1	AR275067	ACCESSION: AR275067
1343	13.2	0.8	20	1	BD134222	ACCESSION: BD134222	1416	13	0.7	20	1	AR275074	ACCESSION: AR275074
1344	13.2	0.8	20	1	BD140065	ACCESSION: BD140065	cl417	13	0.7	20	1	AR308960	ACCESSION: AR308960
1345	13.2	0.8	20	1	BD144131	ACCESSION: BD144131	1418	13	0.7	20	1	AR312483	ACCESSION: AR312483
1346	13.2	0.8	20	1	BD161948	ACCESSION: BD161948	cl419	13	0.7	20	1	AR312486	ACCESSION: AR312486
1347	13.2	0.8	20	1			cl420	13	0.7	20	1	AR317091	ACCESSION: AR317091

c1421	13	0.7	20	1	AR410404	ACCESSION: AR410404	c1494	12.8	0.7	17	1	AR325971	ACCESSION: AR325971
c1422	13	0.7	20	1	AR200042	ACCESSION: AR200042	c1495	12.8	0.7	17	1	AR325972	ACCESSION: AR325972
1423	13	0.7	20	1	AX225082	ACCESSION: AX225082	c1496	12.8	0.7	17	1	AR326016	ACCESSION: AR326016
c1424	13	0.7	20	1	AX296235	ACCESSION: AX296235	1497	12.8	0.7	17	1	AR327431	ACCESSION: AR327431
c1425	13	0.7	20	1	AX317252	ACCESSION: AX317252	1498	12.8	0.7	17	1	AR327432	ACCESSION: AR327432
c1426	13	0.7	20	1	AX326885	ACCESSION: AX326885	c1499	12.8	0.7	17	1	AR327608	ACCESSION: AR327608
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1428	13	0.7	20	1	AX469902	ACCESSION: AX469902	c1501	12.8	0.7	17	1	AR327719	ACCESSION: AR327719
c1429	13	0.7	20	1	AX546262	ACCESSION: AX546262	c1502	12.8	0.7	17	1	AR327720	ACCESSION: AR327720
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c1431	13	0.7	20	1	AX555466	ACCESSION: AX555466	c1504	12.8	0.7	17	1	AR329277	ACCESSION: AR329277
1432	13	0.7	20	1	AX601216	ACCESSION: AX601216	1505	12.8	0.7	17	1	AR329278	ACCESSION: AR329278
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1446	12.8	0.7	16	1	AR233443	ACCESSION: AR233443	1519	12.8	0.7	17	1	AX232716	ACCESSION: AX232716
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1452	12.8	0.7	16	1	AX686183	ACCESSION: AX686183	c1525	12.8	0.7	17	1	AX272790	ACCESSION: AX272790
1453	12.8	0.7	16	1	BD013465	ACCESSION: BD013465	c1526	12.8	0.7	17	1	AX272951	ACCESSION: AX272951
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1465	12.8	0.7	17	1	AR115229	ACCESSION: AR115229	c1538	12.8	0.7	17	1	AX530772	ACCESSION: AX530772
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1470	12.8	0.7	17	1	BD255188	ACCESSION: BD255188	1543	12.8	0.7	17	1	AX531534	ACCESSION: AX531534
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1472	12.8	0.7	17	1	BD256613	ACCESSION: BD256613	1545	12.8	0.7	17	1	AX531535	ACCESSION: AX531535
1473	12.8	0.7	17	1	BD257060	ACCESSION: BD257060	1546	12.8	0.7	17	1	AX532473	ACCESSION: AX532473
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1475	12.8	0.7	17	1	BD258329	ACCESSION: BD258329	1548	12.8	0.7	17	1	AX545091	ACCESSION: AX545091
1476	12.8	0.7	17	1	E105335	ACCESSION: E105335	c1549	12.8	0.7	17	1	AX545092	ACCESSION: AX545092
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1479	12.8	0.7	17	1	I53596	ACCESSION: I53596	c1552	12.8	0.7	17	1	AX578969	ACCESSION: AX578969
1480	12.8	0.7	17	1	I59647	ACCESSION: I59647	c1553	12.8	0.7	17	1	AX579374	ACCESSION: AX579374
1481	12.8	0.7	17	1	AR186343	ACCESSION: AR186343	1554	12.8	0.7	17	1	AX579552	ACCESSION: AX579552
1482	12.8	0.7	17	1	AR186508	ACCESSION: AR186508	1555	12.8	0.7	17	1	AX579601	ACCESSION: AX579601
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ALIGNMENTS

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BD102646 33 bp DNA linear PAT 27-AUG-2002
LOCUS Composition for suppressing a product of amyloid beta.
DEFINITION
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ACCESSION:AX131149
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ACCESSION:AX649397
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BD102646.1 GI:22648220
WO 0182967-A/12.
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artificial sequences.
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Watanabe,T., Kawabata,S., Hachiya,S. and Suzuki,T.
Composition for suppressing a product of amyloid beta
Patent: WO 0182967-A 12 08-NOV-2001;
YAMANOUCHI PHARMACEUTICAL CO LTD,TORU WATANABE,SHIGEKI KAWABATA,
SHUNICHIRO HACHIYA,TOSHIHARU SUZUKI
OS Artificial Sequence
PI WO 0182967-A/12
PD 08-NOV-2001
PF 25-APR-2001 WO 2001JP003555
PR 28-APR-2000 JP 00P 131037
PI TORU WATANABE,SHIGEKI KAWABATA,SHUNICHIRO HACHIYA,TOSHIHARU
SUZUKI
PC A61K45/00,A61K31/52,A61P25/28,G01N33/15,G01N33/50 CC
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LOCUS 33 bp DNA linear PAT 27-AUG-2002
DEFINITION Composition for suppressing a product of amyloid beta.
ACCESSION BD102647
VERSION BD102647.1 GI:22648221
KEYWORDS WO 0182967-A/13.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 33)
Watanabe,T., Kawabata,S., Hachiya,S. and Suzuki,T.
Composition for suppressing a product of amyloid beta
Patent: WO 0182967-A 13 08-NOV-2001;
YAMANOUCHI PHARMACEUTICAL CO LTD,TORU WATANABE,SHIGEKI KAWABATA,
SHUNICHIRO HACHIYA,TOSHIHARU SUZUKI
OS Artificial Sequence
PI WO 0182967-A/13
PD 08-NOV-2001
PF 25-APR-2001 WO 2001JP003555
PR 28-APR-2000 JP 00P 131037
PI TORU WATANABE,SHIGEKI KAWABATA,SHUNICHIRO HACHIYA,TOSHIHARU
SUZUKI
PC A61K45/00,A61K31/52,A61P25/28,G01N33/15,G01N33/50 CC
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LOCUS AX248673 31 bp DNA linear PAT 28-SEP-2001
DEFINITION Sequence 752 from Patent WO0166800.
ACCESSION AX248673
VERSION AX248673.1 GI:15863296
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Cargill, M., Ireland, J.S. and Lander, E.S.
TITLE Human single nucleotide polymorphisms
JOURNAL Patent: WO 0166800-A 752 13-SEP-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
FEATURES
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LOCUS AX248015 31 bp DNA linear PAT 28-SEP-2001
DEFINITION Sequence 94 from Patent WO0166800.
ACCESSION AX248015
VERSION AX248015.1 GI:15862638
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Cargill, M., Ireland, J.S. and Lander, E.S.
TITLE Human single nucleotide polymorphisms
JOURNAL Patent: WO 0166800-A 94 13-SEP-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
FEATURES
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LOCUS AX153998 21 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 96 from Patent WO0138576.
ACCESSION AX153998
VERSION AX153998.1 GI:14535612
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Cargill, M., Ireland, J.S. and Lander, E.S.
TITLE Human single nucleotide polymorphisms
JOURNAL Patent: WO 0138576-A 96 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
FEATURES
source Location/Qualifiers
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DB 1 CAAGGAGATCAGACTGGACCA 21

RESULT 6
AX008577
LOCUS AX008577 29 bp DNA linear PAT 06-SEP-2000
DEFINITION Sequence 14 from Patent WO9966057.
ACCESSION AX008577
VERSION AX008577.1 GI:9996127
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1
AUTHORS Draper, J., Kenton, P. and Paul, W.
TITLE Inducible promoters
JOURNAL Patent: WO 9966057-A 14 23-DEC-1999;
DRAPER JOHN (GB); KENTON PAUL (GB); BIOGENMA UK LTD (GB); PAUL
WYATT (GB)
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DB 6 GCTTTGGAACTGAATACCTACA 29

RESULT 7
AX129246
LOCUS AX129246 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 464 from Patent WO0130362.
ACCESSION AX129246
VERSION AX129246.1 GI:14135551
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Robbins, J.M. and Tritz, R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 464 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES Location/Qualifiers
source 1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Query Match 1.1%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 TGGCTGACTTTGGCTGGCC 19

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AX129247
LOCUS AX129247 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 465 from Patent WO0130362.
ACCESSION AX129247
VERSION AX129247.1 GI:14135552
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Robbins, J.M. and Tritz, R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 465 03-MAY-2001;
IMMUSOL, INC. (US)
FEATURES Location/Qualifiers
source 1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="Cdk4 ribozyme binding site"

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Best Local Similarity 100.0%; Pred. No. 37;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1029 GGCTGACTTTGGCTGGCC 1047
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Db 1 GGCTGACTTTGGCTGGCC 19

RESULT 9
BD144819
LOCUS BD144819 28 bp DNA linear PAT 17-JAN-2003
DEFINITION A method of detecting human phase I enzymes of drug-metabolizing and a probe and a kit thereof.
ACCESSION BD144819
VERSION BD144819.1 GI:27850577
KEYWORDS JP 2002142780-A/31.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 28)
AUTHORS Nishimura, M., Yaguchi, H., Naito, S. and Hiraoka, I.
TITLE A method of detecting human phase I enzymes of drug-metabolizing and a probe and a kit thereof
JOURNAL Patent: JP 2002142780-A 31 21-MAY-2002;
OTSUKA PHARMACEUTICAL FACTORY INC
COMMENT OS Homo sapiens (human)

PN JP 2002142780-A/31
PD 21-MAY-2002
PI 28-AUG-2001 JP 2001257338
PI MASUHIRO NISHIMURA, HIROSHI YAGUCHI, SHINSAKU NAITO, ISAO HIRAOKA
PC C12N15/09, C12Q1/68, C12N15/00
CC human ALDH3 gene
FH Key Location/Qualifiers
FT source 1..28
/organism="Homo sapiens (human)"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 1.1%; Score 18.8; DB 1; Length 28;
Best Local Similarity 90.9%; Pred. No. 80;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 845 AGTACTGGACAGGACCTGAA 866
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Db 7 AGTACTGGACAGGATCTGTA 28

RESULT 10
AX502274/c
LOCUS AX502274 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 3581 from Patent EPI229046.
ACCESSION AX502274
VERSION AX502274.1 GI:23384567
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 3581 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 1.1%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 73;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 217 GGCCCTGGATGAGCTGGTGGTG 241
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Db 25 GGCCAGGATGTTAGTGGTGGTG 1

RESULT 11
AX502275/c
LOCUS AX502275 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 3582 from Patent EPI229046.
ACCESSION AX502275
VERSION AX502275.1 GI:23384568
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 3582 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..25

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 216 AGGCCTGATGAGAGTGGTGGT 240
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Db 25 AGCCAGGATGTTAGTGATGGT 1

RESULT 12
AX548365
LOCUS AX548365 27 bp DNA linear PAT 26-NOV-2002
DEFINITION Sequence 289 from Patent WO0240716.
ACCESSION AX548365
VERSION AX548365.1 GI:25813399
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Palm, K.
TITLE Profiling tumor specific markers for the diagnosis and treatment of
neoplastic disease
JOURNAL Patent: WO 0240716-A 289 23-MAY-2002;
Cemines, LLC (US)
FEATURES
source
1. .27
/organism="synthetic construct"
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/db_xref="taxon:32630"
/Note="Probe"

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Best Local Similarity 1.0%; Score 18.2; DB 1; Length 27;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 CCTGTTCCAGCTGCTCCGTGGCC 943
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Db 3 CCTGTCACAGTGACCGTGCC 25

RESULT 13
HSA270316
LOCUS HSA270316 27 bp DNA linear PRI 26-JUL-2000
DEFINITION Homo sapiens sonic hedgehog (Drosophila) homolog (SHH) antisense
primer.
ACCESSION AJ270316
VERSION AJ270316.1 GI:9557893
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE (bases 1 to 27)
AUTHORS Palm, K., Salin-Nordstrom, T., Levesque, M.F. and Neuman, T.
JOURNAL Fetal and adult human CNS stem cells have similar molecular
characteristics and developmental potential
MEDLINE Brain Res. Mol. Brain Res. 78 (1-2), 192-195 (2000)
PUBMED 20351569
REFERENCE 2
AUTHORS (bases 1 to 27)
TITLE Direct Submission
JOURNAL Submitted (04-OCT-1999) Surgery, Cedars Sinai Medical Center, 8700
Beverly Blvd., Los Angeles, CA 90048, US
COMMENT Related entry: NM 000193.
FEATURES
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1. .27
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Best Local Similarity 1.0%; Score 18.2; DB 1; Length 27;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 CCTGTTCCAGCTGCTCCGTGGCC 943
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Db 3 CCTGTCACAGTGACCGTGCC 25

RESULT 14
AR028293
LOCUS AR028293 25 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 3 from patent US 5858662.
ACCESSION AR028293
VERSION AR028293.1 GI:5940266
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1
AUTHORS (bases 1 to 25)
TITLE Keating, M.T. and Morris, C.A.
JOURNAL Diagnosis of Williams syndrome and Williams syndrome cognitive
profile by analysis of the presence or absence of a LIM-kinase gene
Patent: US 5858662-A 3 12-JAN-1999;
FEATURES
source
1. .25
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 1.0%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCGAGCAAG 1056
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Db 1 GACTTTGGCTGGCTCGAGACATG 24

RESULT 15
AX502273/c
LOCUS AX502273 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 3580 from Patent EP1229046.
ACCESSION AX502273
VERSION AX502273.1 GI:23384566
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Zhan, J.
JOURNAL Human testis expressed patched like protein
Patent: EP 1229046-A 3580 07-AUG-2002;
Aemica, Inc. (US)
FEATURES
source
1. .25
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 1.0%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 218 GCTTGATGAGAGTGGTGGTGGT 241
    ||||| ||||| ||||| ||||| |||||
Db 25 GCCAGGATGTTAGTGATGGTGGT 2

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RESULT 16
AX502276/c
LOCUS AX502276 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 3583 from Patent EP1229046.
ACCESSION AX502276
VERSION AX502276.1 GI:23384569
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE
AUTHORS Human testis expressed patched like protein
TITLE Patent: EP 1229046-A 3583 07-AUG-2002;
JOURNAL Aeomica, Inc. (US)
FEATURES
source
Query Match 1.0%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 216 AGGCTGATGAGAGTGTGTGG 239
Db 24 AGGCAGGATGTTAGTGATGG 1
RESULT 17
AR090840/c
LOCUS AR090840 26 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 960 from patent US 5994076.
ACCESSION AR090840
VERSION AR090840.1 GI:10017595
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Chenchik, A., Johhadze, G. and Bibilashvili, R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 5994076-A 960 30-NOV-1999;
FEATURES
source
Query Match 1.0%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 826 TCCCTCACCCCTGCTTTGAGTAC 849
Db 25 TCTGTACCCCTGCTCTTGAGTGC 2
RESULT 18
AR197875/c
LOCUS AR197875 26 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 960 from patent US 6352829.
ACCESSION AR197875
VERSION AR197875.1 GI:20247724
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Chenchik, A., Johhadze, G. and Bibilashvili, R.
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TITLE Methods of assaying differential expression
JOURNAL Patent: US 6352829-A 960 05-MAR-2002;
FEATURES
source
Query Match 1.0%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 826 TCCCTCACCCCTGCTTTGAGTAC 849
Db 25 TCTGTACCCCTGCTCTTGAGTGC 2
RESULT 19
AR260029/c
LOCUS AR260029 26 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 960 from patent US 6489455.
ACCESSION AR260029
VERSION AR260029.1 GI:27310540
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 26)
AUTHORS Chenchik, A., Johhadze, G. and Bibilashvili, R.
TITLE Methods of assaying differential expression
JOURNAL Patent: US 6489455-A 960 03-DEC-2002;
FEATURES
source
Query Match 1.0%; Score 17.6; DB 1; Length 26;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 826 TCCCTCACCCCTGCTTTGAGTAC 849
Db 25 TCTGTACCCCTGCTCTTGAGTGC 2
RESULT 20
AX129125
LOCUS AX129125 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 343 from Patent WO0130362.
ACCESSION AX129125
VERSION AX129125.1 GI:14135430
KEYWORDS
SOURCE
ORGANISM Homo sapiens (human)
REFERENCE 1
AUTHORS Robbins, J.M. and Tritz, R.
TITLE Ribozyme therapy for the treatment of proliferative skin and eye diseases
JOURNAL Patent: WO 0130362-A 343 03-MAY-2001;
FEATURES
source
Query Match 1.0%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 86;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db 1 GAACCTGCTCATCAATGAG 19
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AX129129 19 bp DNA linear PAT 15-MAY-2001
SEQUENCE 347 from Patent WO0130362.
AX129129
VERSION AX129129.1 GI:14135434
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Robbins,J.M. and Tritz,R.
JOURNAL Robozyme therapy for the treatment of proliferative skin and eye
FEATURES Patent: WO 0130362-A 347 03-MAY-2001;
IMMUSOL, INC. (US)
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/db_xref="taxon:9606"
/note="Cdk3 ribozyme binding site"
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QY 1028 TGGCTGACTTGGCCTGGC 1046
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Db 1 TGGCTGACTTCGGCCTGGC 19
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RESULT 22
AR110470/c 20 bp DNA linear PAT 14-FEB-2001
LOCUS
DEFINITION Sequence 7 from patent US 6114517.
ACCESSION AR110470
VERSION AR110470.1 GI:12826746
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P. and Xu,X.S.
TITLE Methods of modulating tumor necrosis factor .alpha.-induced
expression of cell adhesion molecules
JOURNAL Patent: US 6114517-A 7 05-SEP-2000;
FEATURES Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1033 GACTTTGGCCTGGCCCG 1049
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Db 20 GACTTTGGCCTGGCCCG 4
|||||
RESULT 23
AR116450/c 20 bp DNA linear PAT 16-MAY-2001
LOCUS
DEFINITION Sequence 31 from patent US 6133246.
ACCESSION AR116450
VERSION AR116450.1 GI:14096772
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.
TITLE Antisense oligonucleotide compositions and methods for the
modulation of JNK proteins
JOURNAL Patent: US 6133246-A 31 17-OCT-2000;
FEATURES Location/Qualifiers
source 1. .20
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1033 GACTTTGGCCTGGCCCG 1049
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Db 20 GACTTTGGCCTGGCCCG 4
|||||
RESULT 24
AR116461 20 bp DNA linear PAT 16-MAY-2001
LOCUS
DEFINITION Sequence 42 from patent US 6133246.
ACCESSION AR116461
VERSION AR116461.1 GI:14096783
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.
TITLE Antisense oligonucleotide compositions and methods for the
modulation of JNK proteins
JOURNAL Patent: US 6133246-A 42 17-OCT-2000;
FEATURES Location/Qualifiers
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/mol_type="unassigned DNA"
Query Match 1.0%; Score 17; DB 1; Length 20;
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Db 20 GACTTTGGCCTGGCCCG 4
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RESULT 25
BD237317/c 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Modulation method of induction expression of tumor necrosis
factor-alpha of cell adhesion molecules.
ACCESSION BD237317
VERSION BD237317.1 GI:33047087
KEYWORDS JP 2002531574-A/7.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P. and Xu,X.S.
TITLE Modulation method of induction expression of tumor necrosis
factor-alpha of cell adhesion molecules
JOURNAL Patent: JP 2002531574-A 7 24-SEP-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002531574-A/7
PD 24-SEP-2002
PF 08-DEC-1999 JP 2000586746
PR 10-DEC-1998 US 09/209668
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SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
TITLE McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.
Antisense oligonucleotide compositions and methods for the
modulation of JNK proteins
JOURNAL Patent: US 6133246-A 31 17-OCT-2000;
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QY 1033 GACTTTGGCCTGGCCCG 1049
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Db 20 GACTTTGGCCTGGCCCG 4
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RESULT 24
AR116461 20 bp DNA linear PAT 16-MAY-2001
LOCUS
DEFINITION Sequence 42 from patent US 6133246.
ACCESSION AR116461
VERSION AR116461.1 GI:14096783
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Monia,B.P., Nero,P.S. and Gaarde,W.A.
TITLE Antisense oligonucleotide compositions and methods for the
modulation of JNK proteins
JOURNAL Patent: US 6133246-A 42 17-OCT-2000;
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RESULT 25
BD237317/c 20 bp DNA linear PAT 17-JUL-2003
LOCUS
DEFINITION Modulation method of induction expression of tumor necrosis
factor-alpha of cell adhesion molecules.
ACCESSION BD237317
VERSION BD237317.1 GI:33047087
KEYWORDS JP 2002531574-A/7.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P. and Xu,X.S.
TITLE Modulation method of induction expression of tumor necrosis
factor-alpha of cell adhesion molecules
JOURNAL Patent: JP 2002531574-A 7 24-SEP-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002531574-A/7
PD 24-SEP-2002
PF 08-DEC-1999 JP 2000586746
PR 10-DEC-1998 US 09/209668
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PI BRETT P MONIA, XIAOXING S XU
PC A61K45/00, A61K31/712, A61K31/7125, A61K48/00, A61P1/00, A61P3/10,
A61P5/14,
PC A61P17/04, A61P17/06, A61P29/00, A61P29/00, A61P31/00, A61P35/00,
PC A61P37/00,
PC A61P37/06, C12N5/10, C12N15/09, C12N15/00, C12N5/00 CC antisense
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Db 20 GACTTTGGCTGGCCCG 4

RESULT 26
AX104119/c
LOCUS AX104119 20 bp DNA linear PAT 30-APR-2001
DEFINITION Sequence 311 from Patent WO0122972.
ACCESSION AX104119
VERSION AX104119.1 GI:13920316
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Krieg, A.M., Schetter, C. and Vollmer, J.C.
TITLE Immunostimulatory nucleic acids
JOURNAL Patent: WO 0122972-A 311 05-APR-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US); Coley Pharmaceutical
GmbH (DE)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049
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Db 20 GACTTTGGCTGGCCCG 4

RESULT 27
AX164692/c
LOCUS AX164692 20 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 2 from Patent WO0134792.
ACCESSION AX164692
VERSION AX164692.1 GI:14545586
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Potapova, O., Gorospe, M. and Holbrook, N.J.
TITLE Compositions and methods for the diminution or elimination of
various cancers
JOURNAL Patent: WO 0134792-A 2 17-MAY-2001;
THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES (US)
FEATURES
source
Location/Qualifiers

PI BRETT P MONIA, XIAOXING S XU
PC A61K45/00, A61K31/712, A61K31/7125, A61K48/00, A61P1/00, A61P3/10,
A61P5/14,
PC A61P17/04, A61P17/06, A61P29/00, A61P29/00, A61P31/00, A61P35/00,
PC A61P37/00,
PC A61P37/06, C12N5/10, C12N15/09, C12N15/00, C12N5/00 CC antisense
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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049
|||||
Db 20 GACTTTGGCTGGCCCG 4

RESULT 28
AX355435/c
LOCUS AX355435 20 bp DNA linear PAT 06-FEB-2002
DEFINITION Sequence 463 from Patent WO0197843.
ACCESSION AX355435
VERSION AX355435.1 GI:18620103
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Weiner, G. and Hartmann, G.
TITLE Methods for enhancing antibody-induced cell lysis and treating
cancer
JOURNAL Patent: WO 0197843-A 463 27-DEC-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
FEATURES
source
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic oligonucleotide-phosphorothioate
backbone"

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049
|||||
Db 20 GACTTTGGCTGGCCCG 4

RESULT 29
AX547172/c
LOCUS AX547172 20 bp DNA linear PAT 01-MAR-2003
DEFINITION Sequence 311 from Patent WO02053141.
ACCESSION AX547172
VERSION AX547172.1 GI:25812316
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Bratzler, R.L.
TITLE Inhibition of angiogenesis by nucleic acids
JOURNAL Patent: WO 02053141-A 311 11-JUL-2002;
Coley Pharmaceutical Group, Inc. (US)
FEATURES
source
Location/Qualifiers
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Sequence"

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1033 GACTTTGGCTGGCCCG 1049
Db 20 GACTTTGGCTGGCCCG 4

RESULT 30
BD074607/c
LOCUS BD074607 20 bp DNA linear PAT 27-AUG-2002
DEFINITION Antisense oligonucleotide composition and modulation method of JNK
protein.
ACCESSION BD074607
VERSION BD074607.1 GI:22620210
KEYWORDS JP 2001514905-A/31.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Dean,N., Monia,B.P., Scott,P., Nero and Gaarde,W.A.
TITLE Antisense oligonucleotide composition and modulation method of JNK
protein
JOURNAL Patent: JP 2001514905-A 31 18-SEP-2001;
ISIS PHARMACEUTICALS INC
COMMENT PN JP 2001514905-A/31
PD 18-SEP-2001
PF 07-AUG-1998 JP 2000509875
PR 13-AUG-1997 US 08/910629
PI ROBERT MCKAY,NICHOLAS DEAN,BRETT P MONIA,PAMELA SCOTT PI
NERO, WILLIAM A GAARDE
PC C12Q1/68,A61K31/7088,A61K48/00,A61P35/00,C12N15/09,C12P19/34,
PC C12N15/00
CC antisense sequence
FH Key Location/Qualifiers
FT source 1..20
/mol_type="synthetic construct"
/db_xref="taxon:32630"

FEATURES
source
1..20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049
Db 1 GACTTTGGCTGGCCCG 17

RESULT 32
AR266635/c
LOCUS AR266635 25 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 73 from patent US 6495319.
ACCESSION AR266635
VERSION AR266635.1 GI:29695699
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 25)
AUTHORS McClelland,M., Welsh,J. and Trenkle,T.
TITLE Reduced complexity nucleic acid targets and methods of using same
JOURNAL Patent: US 6495319-A 73 17-DEC-2002;
FEATURES
source
1..25
Location/Qualifiers
/organism="unknown"
/mol_type="genomic DNA"

Query Match 1.0%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 531 CAAATAGCCCATCTTTGACAAAGCCC 555
Db 25 CACTAGCAGCATCTTTGAAAAGCAC 1

RESULT 33
AX692068
LOCUS AX692068 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 4800 from Patent EP1281758.
ACCESSION AX692068
VERSION AX692068.1 GI:29415012
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 4800 05-FEB-2003;
Neomica, Inc. (US)
FEATURES
source
1..25
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Query Match 1.0%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 1.7e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 921 CCTGTTCCAGCTGCTCCGTGGCTGG 945
 ||||| ||||| ||||| ||||| |||||
 Db 1 CCTGTTCCGCTGCCCTCGGGCTG 25

RESULT 34
 AX692069 LOCUS AX692069 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 4801 from Patent EP1281758.
 ACCESSION AX692069
 VERSION AX692069.1 GI:29415013
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 4801 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 1.0%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 1.7e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCTCCGTGGCTGG 946
 ||||| ||||| ||||| ||||| |||||
 Db 1 CTGTTCCGCTGCCCTCGGGCTGG 25

RESULT 35
 AX692070 LOCUS AX692070 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 4802 from Patent EP1281758.
 ACCESSION AX692070
 VERSION AX692070.1 GI:29415014
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 4802 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 1.0%; Score 17; DB 1; Length 25;
 Best Local Similarity 80.0%; Pred. No. 1.7e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 923 TGTTCACGCTGCTCCGTGGCTGGC 947
 ||||| ||||| ||||| ||||| |||||
 Db 1 TGTTCACGCTGCCCTCGGGCTGGC 25

RESULT 36
 AX686088 LOCUS AX686088 26 bp DNA linear PAT 29-MAR-2003
 DEFINITION Sequence 132 from Patent WO02064791.
 ACCESSION AX686088
 VERSION AX686088.1 GI:29371906
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1
 AUTHORS Alsobrook II, J.P., Anderson, D.W., Burgess, C.E., Boldog, F.L., Casman, S.J., Colman, S.D., Edinger, S.R., Ellerman, K., Gerlach, V., Gorman, L., Grosse, W.M., Guo, X., Herrmann, J.L., Kekuda, R., Lepley, D.W., Li, F., Macdougall, J.R., Millet, I., Pena, C.E., Peyman, J.A., Rastelli, L., Rieger, D.K., Shimkets, R.A., Smithson, G., Spytek, K.A., Store, D.J., Tchernev, V.T., Vernet, C.A., Voss, E.Z., Zerhuzen, B.D., Zhong, H. and Zhong, M.
 TITLE Proteins and nucleic acids encoding same
 JOURNAL Patent: WO 02064791-A 132 22-AUG-2002;
 Curagen Corporation (US)
 FEATURES Location/Qualifiers
 source 1..26
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide primer"

Query Match 1.0%; Score 17; DB 1; Length 26;
 Best Local Similarity 80.0%; Pred. No. 1.8e+02;
 Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 767 TCAGGACCTTCACACGCCCAACAT 791
 ||||| ||||| ||||| ||||| |||||
 Db 2 TGAAGGGCCTTAACACCCCAACAT 26

RESULT 37
 AX9437/c LOCUS AX9437 21 bp DNA linear PAT 20-OCT-1999
 DEFINITION Sequence 11 from Patent WO9731126.
 ACCESSION AX9437
 VERSION AX9437.1 GI:6092445
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1 (bases 1 to 21)
 AUTHORS Chadwick, R.B. and Johnston-Dow, L.
 TITLE METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES
 JOURNAL Patent: WO 9731126-A 11 28-AUG-1997;
 PERKIN ELMER CORP (US)

FEATURES Location/Qualifiers
 source 1..21
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"

Query Match 1.0%; Score 16.8; DB 1; Length 21;
 Best Local Similarity 90.0%; Pred. No. 1.4e+02;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 352 GGGTCTGATGGGAGAGTGA 371
 ||||| ||||| ||||| ||||| |||||
 Db 21 GGGTCTGATGGGAGAGTCA 2

RESULT 38
 AX9443/c LOCUS AX9443 21 bp DNA linear PAT 20-OCT-1999
 DEFINITION Sequence 17 from Patent WO9731126.
 ACCESSION AX9443

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VERSION A79443.1 GI:6092451
KEYWORDS
SOURCE
ORGANISM
REFERENCE 1 (bases 1 to 21)
AUTHORS Chadwick,R.B. and Johnston-Dow,L.
TITLE METHODS AND REAGENTS FOR TYPING HLA CLASS I GENES
JOURNAL Patent: WO 9731126-A 17 28-AUG-1997;
PERKIN ELMER CORP (US)
FEATURES
source
1..21
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 1.0%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 GGGTCTGTGGGGAGAGTGA 371
Db 21 GGGTCTGTGGGGAGAGTGA 2

RESULT 39
LOCUS AR105842/c
DEFINITION Sequence 11 from patent US 6103465.
ACCESSION AR105842
VERSION AR105842.1 GI:12819907
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Johnston-Dow,L., Chadwick,R.B. and Parham,P.
TITLE Methods and reagents for typing HLA class I genes
JOURNAL Patent: US 6103465-A 11 15-AUG-2000;
FEATURES
source
1..21
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 1.0%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 GGGTCTGTGGGGAGAGTGA 371
Db 21 GGGTCTGTGGGGAGAGTGA 2

RESULT 40
LOCUS AR105848/c
DEFINITION Sequence 17 from patent US 6103465.
ACCESSION AR105848
VERSION AR105848.1 GI:12819913
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Johnston-Dow,L., Chadwick,R.B. and Parham,P.
TITLE Methods and reagents for typing HLA class I genes
JOURNAL Patent: US 6103465-A 17 15-AUG-2000;
FEATURES
source
1..21
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 1.0%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 GGGTCTGTGGGGAGAGTGA 371
Db 21 GGGTCTGTGGGGAGAGTGA 2

RESULT 41
LOCUS AX096998
DEFINITION Sequence 2176 from Patent WO0118250.
ACCESSION AX096998
VERSION AX096998.1 GI:13513266
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 2176 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES
source
1..21
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 1.0%; Score 16.6; DB 1; Length 21;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 715 CTGGAACATGGAAGAGGG 731
Db 4 CTGGAACATGGAAGAGGG 20

RESULT 42
LOCUS AX004678
DEFINITION Sequence 3 from Patent WO9915639.
ACCESSION AX004678
VERSION AX004678.1 GI:9928114
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Rouleau,G.A. and Joobor,R.
TITLE Polymorphic cag repeat-containing gene and uses thereof
JOURNAL Patent: WO 9915639-A 3 01-APR-1999;
ROULEAU GUY A (CA); UNIV MCGILL (CA)
FEATURES
source
1..23
Location/Qualifiers
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 1.0%; Score 16.6; DB 1; Length 23;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1470 GGGGGAGCGGATCCACAACTTC 1492
Db 1 GGGGGAGCGGATCCACAACTTC 23

RESULT 43
LOCUS BD081260
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LOCUS BD081260 23 bp DNA linear PAT 27-AUG-2002
DEFINITION Polymorphic CAG repeat-containing gene and uses thereof.
ACCESSION BD081260
VERSION BD081260.1 GI:22626863
KEYWORDS JP 2001517432-A/3.
SOURCE unclassified
ORGANISM unclassified
REFERENCE 1 (bases 1 to 23)
AUTHORS Rouleau,G.A., Joobier,R. and Benkelfat,C.
TITLE Polymorphic CAG repeat-containing gene and uses thereof
JOURNAL MCGILL UNIVERSITY
COMMENT OS Unknown
PN JP 2001517432-A/3
PD 09-OCT-2001
PF 18-SEP-1998 JP 2000512932
PR 19-SEP-1997 CA 2216057
PI GUY A ROULEAU,RIDHA JOOBER,CHAWKI BENKELFAT
PC C12N15/09,A01K67/027,C07K14/47,C12Q1/68,C12N15/00 CC
Description of Unknown Organism: unknown
FH Key Location/Qualifiers
FT source 1..23
FT /organism='Unknown'.
FEATURES
source
1..23
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'
Query Match 1.0%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1470 GGGGAGCGGATCCACAACTTC 1492
DB 1 GGGGAGCGGATCCACAACTTC 23
RESULT 44
LOCUS BD102837 23 bp DNA linear PAT 27-AUG-2002
DEFINITION Short GCG extension in PABII gene for ocular throat muscular
dystrophy and diagnosis thereof.
ACCESSION BD102837
VERSION BD102837.1 GI:22648411
KEYWORDS JP 2001526047-A/3.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE 1 (bases 1 to 23)
AUTHORS Rouleau,G.A. and Brail,B.
TITLE Short GCG extension in PABII gene for ocular throat muscular
dystrophy and diagnosis thereof
JOURNAL Patent: JP 2001526047-A 3 18-DEC-2001;
MCGILL UNIVERSITY
COMMENT OS Artificial Sequence
PN JP 2001526047-A/3
PD 18-DEC-2001
PF 07-DEC-1998 JP 2000524467
PR 09-DEC-1997 CA 2218199
PI GUY A ROULEAU,BERNARD BRAIS
PC C12N15/09,A01K67/027,A61K45/00,A61P21/04,C12N5/10,C12Q1/68, PC
G01N33/15,
PC G01N33/50,C12N15/00,C12N5/00
CC Description of Artificial Sequence:oligonucleotide FH Key
Location/Qualifiers
FT source 1..23
FT /organism='Artificial Sequence'.
FEATURES
source
1..23
/organism='synthetic construct'
/mol_type='genomic DNA'
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/db_xref='taxon:32630'
Query Match 1.0%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1470 GGGGAGCGGATCCACAACTTC 1492
DB 1 GGGGAGCGGATCCACAACTTC 23
RESULT 45
LOCUS AR171200/c 24 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 109 from patent US 6297014.
ACCESSION AR171200
VERSION AR171200.1 GI:17910150
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 24)
AUTHORS Taylor,K.D., Scheuner,M.T., Rotter,J.I. and Yang,H.
TITLE Genetic test to determine non-responsiveness to statin drug
treatment
JOURNAL Patent: US 6297014-A 109 02-OCT-2001;
FEATURES
source
1..24
/organism='unknown'
/mol_type='unassigned DNA'
Query Match 1.0%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 848 ACCTGGACAGGACCTGAAGCAG 870
DB 23 ACCTGGACAGGACCTGAAGCAG 1
RESULT 46
LOCUS AX068558/c 24 bp DNA linear PAT 25-JAN-2001
DEFINITION Sequence 109 from Patent WO0102606.
ACCESSION AX068558
VERSION AX068558.1 GI:12578683
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Taylor,K.D., Scheuner,M., Rotter,J. and Yang,H.
TITLE Genetic test to determine non-responsiveness to statin drug
treatment
JOURNAL Patent: WO 0102606-A 109 11-JAN-2001;
Cedars-Sinai Medical Center (US)
FEATURES
source
1..24
/organism='Homo sapiens'
/mol_type='unassigned DNA'
/db_xref='taxon:9606'
Query Match 1.0%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.8%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 848 ACCTGGACAGGACCTGAAGCAG 870
DB 23 ACCTGGACAGGACCTGAAGCAG 1
RESULT 47
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AR434968
LOCUS AR434968 25 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1391 from patent US 6656700.
ACCESSION AR434968
VERSION AR434968.1 GI:40197811
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu, Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 1391 02-DEC-2003;
FEATURES Location/Qualifiers
source
1..25
/organism="unknown"
/mol_type="genomic DNA"
Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027
Db ||| ||||| ||||| ||||| ||||| |||||
1 CAGCAAGAGGAGAGAGGTCACGC 23

RESULT 48
LOCUS AR434969 25 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1392 from patent US 6656700.
ACCESSION AR434969
VERSION AR434969.1 GI:40197812
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu, Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 1392 02-DEC-2003;
FEATURES Location/Qualifiers
source
1..25
/organism="unknown"
/mol_type="genomic DNA"
Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027
Db ||| ||||| ||||| ||||| ||||| |||||
3 CAGCAAGAGGAGAGAGGTCACGC 25

RESULT 49
LOCUS AR434970 25 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 1393 from patent US 6656700.
ACCESSION AR434970
VERSION AR434970.1 GI:40197813
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 25)
AUTHORS Gu, Y. and Shannon, M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 1393 02-DEC-2003;
FEATURES Location/Qualifiers
source
1..25
/organism="unknown"
/mol_type="genomic DNA"

Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027
Db ||| ||||| ||||| ||||| ||||| |||||
1 CAGCAAGAGGAGAGAGGTCACGC 23

RESULT 50
LOCUS AX117560/c 25 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 2683 from Patent WO0129262.
ACCESSION AX117560
VERSION AX117560.1 GI:14034511
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg, L. and Pohl, M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 2683 26-APR-2001;
Orchid Biosciences, Inc. (US)
FEATURES Location/Qualifiers
source
1..25
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 874 CTGGATGACTGTGGGACATCAT 896
Db ||| ||||| ||||| ||||| ||||| |||||
24 CTGGGTGACTGGAGGAACAT 2

RESULT 51
LOCUS AX502272/c 25 bp DNA linear PAT 27-SEP-2002
DEFINITION Sequence 3579 from Patent EP1229046.
ACCESSION AX502272
VERSION AX502272.1 GI:23384565
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Zhan, J.
TITLE Human testis expressed patched like protein
JOURNAL Patent: EP 1229046-A 3579 07-AUG-2002;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source
1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 1.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 219 CCTGATGAGAGTGTGTGTGTG 241
Db ||| ||||| ||||| ||||| ||||| |||||
25 CCAGGATGTTAGTGATGTGTGTG 3

RESULT 52

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AX502277/c
LOCUS       AX502277               25 bp    DNA          linear          PAT 27-SEP-2002
DEFINITION   Sequence 3584 from Patent EP1229046.
ACCESSION    AX502277
VERSION      AX502277.1  GI:23384570
KEYWORDS     .
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Zhan, J.
TITLE        Human testis expressed patched like protein
JOURNAL      Patent: EP 1229046-A 3584 07-AUG-2002;
              Aemica, Inc. (US)
FEATURES     Location/Qualifiers
              source
                1..25
                  /organism="Homo sapiens"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:9606"

Query Match      1.08; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 216 AGGCTGGATGAGAGTGGTGTG 238
Db 23 AGGCGAGATGTTAGTGTGTG 1

RESULT 53
AX129130
LOCUS       AX129130               19 bp    DNA          linear          PAT 15-MAY-2001
DEFINITION   Sequence 348 from Patent WO0130362.
ACCESSION    AX129130
VERSION      AX129130.1  GI:14135435
KEYWORDS     .
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE    1
AUTHORS      Robbins, J.M. and Tritz, R.
TITLE        Ribozyme therapy for the treatment of proliferative skin and eye
              diseases
JOURNAL      Patent: WO 0130362-A 348 03-MAY-2001;
              IMMUSOL, INC. (US)
FEATURES     Location/Qualifiers
              source
                1..19
                  /organism="Homo sapiens"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:9606"
                  /note="Cdk3 ribozyme binding site"

Query Match      0.9%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1029 GGCTGACTTGGCTGGC 1046
Db 1 GGCTGACTTCGGCTGGC 18

RESULT 54
AX020781
LOCUS       AX020781               20 bp    DNA          linear          PAT 07-SEP-2000
DEFINITION   Sequence 281 from Patent WO9934016.
ACCESSION    AX020781
VERSION      AX020781.1  GI:10044480
KEYWORDS     .
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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REFERENCE    1
AUTHORS      Vider, B.Z.
TITLE        A method for identifying and characterizing cells and tissues
JOURNAL      Patent: WO 9934016-A 281 08-JUL-1999;
              GENENA LTD (IL); VIDER BEN ZION (IL)
FEATURES     Location/Qualifiers
              source
                1..20
                  /organism="Homo sapiens"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:9606"

Query Match      0.9%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 972 ACACCGAGACTCAAGCC 989
Db 3 ACACCGAGACTCAAAACC 20

RESULT 55
AX384811
LOCUS       AX384811               24 bp    DNA          linear          PAT 19-MAR-2002
DEFINITION   Sequence 11 from Patent WO0210452.
ACCESSION    AX384811
VERSION      AX384811.1  GI:19577945
KEYWORDS     .
SOURCE       synthetic construct
              artificial sequences.
ORGANISM     Chang, C.
              Methods and compositions for predicting prostate cancer
              Patent: WO 0210452-A 11 07-FEB-2002;
              University of Rochester (US)
FEATURES     Location/Qualifiers
              source
                1..24
                  /organism="synthetic construct"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:32630"

Query Match      0.9%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCTCC 571
Db 2 CCTCAGCGCGCGCTCC 19

RESULT 56
AX384813/c
LOCUS       AX384813               24 bp    DNA          linear          PAT 19-MAR-2002
DEFINITION   Sequence 13 from Patent WO0210452.
ACCESSION    AX384813
VERSION      AX384813.1  GI:19577947
KEYWORDS     .
SOURCE       synthetic construct
              artificial sequences.
ORGANISM     Chang, C.
              Methods and compositions for predicting prostate cancer
              Patent: WO 0210452-A 13 07-FEB-2002;
              University of Rochester (US)
FEATURES     Location/Qualifiers
              source
                1..24
                  /organism="synthetic construct"
                  /mol_type="unassigned DNA"
                  /db_xref="taxon:32630"

Query Match      0.9%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 24;
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<p>Best Local Similarity 94.4%; Pred. No. 2.1e+02; Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;</p> <p>Qy 554 CCCTCAGCCGCCGCTCC 571 Db 23 CCCTCAGCCGCCGCTCC 6</p> <p>RESULT 57 AR084559/c LOCUS AR084559 21 bp DNA linear PAT 01-SEP-2000 DEFINITION Sequence 48 from patent US 5981185. ACCESSION AR084559 VERSION AR084559.1 GI:10011330 KEYWORDS SOURCE Unknown. ORGANISM Unclassified. REFERENCE 1 (bases 1 to 21) AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas. TITLE Oligonucleotide repeat arrays JOURNAL Patent: US 5981185-A 48 09-NOV-1999; FEATURES Location/Qualifiers source 1..21 /organism="unknown" /mol_type="unassigned DNA"</p> <p>Query Match 0.9%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 1.9e+02; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p> <p>Qy 230 GTGGTGGTGCGGCAGTG 250 Db 21 GTGGTGGTGCGGTGGTG 1</p> <p>RESULT 58 LOCUS AR084587 21 bp DNA linear PAT 01-SEP-2000 DEFINITION Sequence 76 from patent US 5981185. ACCESSION AR084587 VERSION AR084587.1 GI:10011358 KEYWORDS SOURCE Unknown. ORGANISM Unclassified. REFERENCE 1 (bases 1 to 21) AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas. TITLE Oligonucleotide repeat arrays JOURNAL Patent: US 5981185-A 76 09-NOV-1999; FEATURES Location/Qualifiers source 1..21 /organism="unknown" /mol_type="unassigned DNA"</p> <p>Query Match 0.9%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 1.9e+02; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p> <p>Qy 230 GTGGTGGTGCGGCAGTG 250 Db 21 GTGGTGGTGCGGTGGTG 1</p> <p>RESULT 59 LOCUS AX201240 21 bp DNA linear PAT 29-AUG-2001 DEFINITION Sequence 65 from Patent WO0142457. ACCESSION AX201240 VERSION AX201240.1 GI:15391005 KEYWORDS synthetic construct SOURCE synthetic construct ORGANISM synthetic construct</p>	<p>artificial sequences.</p> <p>REFERENCE 1 AUTHORS Iversen,P.L. TITLE Antisense antibacterial method and composition JOURNAL Patent: WO 0142457-A 65 14-JUN-2001; Avi Biopharma, Inc. (US) FEATURES Location/Qualifiers source 1..21 /organism="synthetic construct" /mol_type="unassigned DNA" /db_xref="taxon:32630" /note="antisense oligomer"</p> <p>Query Match 0.9%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 1.9e+02; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p> <p>Qy 1439 ATGCCATGAACATCACTCT 1459 Db 1 ATGTCATGCACATCACTCT 21</p> <p>RESULT 60 BD089221 LOCUS BD089221 21 bp DNA linear PAT 27-AUG-2002 DEFINITION A method of arraying genome clone. ACCESSION BD089221 VERSION BD089221.1 GI:22634831 KEYWORDS JP 2001321190-A/1465. SOURCE synthetic construct ORGANISM artificial sequences. REFERENCE 1 (bases 1 to 21) AUTHORS Soeda,E. TITLE A method of arraying genome clone JOURNAL Patent: JP 2001321190-A 1465 20-NOV-2001; THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA GENOTECHS COMMENT OS Artificial Sequence PN JP 2001321190-A/1465 PD 20-NOV-2001 PF 12-MAR-2001 JP 2001068285 PI EIICHI SOEDA PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,PC C12N15/00 CC Description of Artificial Sequence:Synthetic DNA FH Key FT source 1..21 Location/Qualifiers FT /organism='Artificial Sequence'. FEATURES Location/Qualifiers source 1..21 /organism="synthetic construct" /mol_type="genomic DNA" /db_xref="taxon:32630"</p> <p>Query Match 0.9%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 1.9e+02; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p> <p>Qy 1140 CTCCTCATGATTGACATGTG 1160 Db 1 CTCCTCATGATTGACATGTG 21</p> <p>RESULT 61 BD102262/c LOCUS BD102262 22 bp DNA linear PAT 27-AUG-2002 DEFINITION Method of detecting risk factor for onset of arteriosclerosis. ACCESSION BD102262 VERSION BD102262.1 GI:22647836 KEYWORDS WO 0171032-A/25. SOURCE Homo sapiens (human)</p>
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REFERENCE	1	artificial sequences.
AUTHORS	Iversen, P.L.	
TITLE	Antisense antibacterial method and composition	
JOURNAL	Patent: WO 0142457-A 65 14-JUN-2001;	
AVI Biopharma, Inc. (US)		
FEATURES	Location/Qualifiers	
source	1..21	
	/organism="synthetic construct"	
	/mol_type="unassigned DNA"	
	/db_xref="taxon:32630"	
	/note="antisense oligomer"	
Query Match	0.9%; Score 16.2; DB 1; Length 21;	
Best Local Similarity	85.7%; Pred. No. 1.9e+02;	
Matches	18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
Qy	1439 ATGCCATGAACATCCATCT 1459	
Db	1 ATGTCATGCACATCCACTCT 21	
RESULT 60		
BD089221		
LOCUS	21 bp DNA linear	PAT 27-AUG-2002
DEFINITION	A method of arraying genome clone.	
ACCESSION	BD089221	
VERSION	BD089221.1 GI:22634831	
KEYWORDS	JP 2001321190-A/1465.	
SOURCE	synthetic construct	
ORGANISM	artificial sequences.	
REFERENCE	1 (bases 1 to 21)	
AUTHORS	Soeda, E.	
TITLE	A method of arraying genome clone	
JOURNAL	Patent: JP 2001321190-A 1465 20-NOV-2001;	
	THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA	
COMMENT	GENOTECHS	
OS	Artificial Sequence	
PN	JP 2001321190-A/1465	
PD	20-NOV-2001	
PF	12-MAR-2001 JP 2001068285	
PI	EIICHI SOEDA	
PC	CI2N15/09, CI2N15/09, CI2M1/00, CI2Q1/68, G01N33/53, G01N33/566, PC	
CC	CI2N15/00	
CC	Description of Artificial Sequence: Synthetic DNA FH Key	
FT	Location/Qualifiers	
FT	source 1..21	
FEATURES	Location/Qualifiers	
source	1..21	
	/organism="synthetic construct"	
	/mol_type="genomic DNA"	
	/db_xref="taxon:32630"	
Query Match	0.9%; Score 16.2; DB 1; Length 21;	
Best Local Similarity	85.7%; Pred. No. 1.9e+02;	
Matches	18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;	
Qy	1140 CTCCACTCAGATTGACATGTG 1160	
Db	1 CTCCACTCAGTATGACATCTG 21	
RESULT 61		
BD102262/c		
LOCUS	22 bp DNA linear	PAT 27-AUG-2002
DEFINITION	Method of detecting risk factor for onset of arteriosclerosis.	
ACCESSION	BD102262	
VERSION	BD102262.1 GI:22647836	
KEYWORDS	WO 0171032-A/25.	
SOURCE	Homo sapiens (human)	

```
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
TITLE Nagano,M., Ito,M., Sageshashi,Y., Hattori,H., Egashira,T.,
JOURNAL Yamashita,S. and Matsuzawa,Y.
COMMENT Patent: WO 0171032-A 25 27-SEP-2001;
BML INC, MAKOTO NAGANO, MAYUMI ITO, YUKIKO SAGEHASHI, HIROAKI HATTORI,
TORU EGASHIRA, SHIZUYA YAMASHITA, YUJI MATSUZAWA
OS Homo sapiens (human)
PN WO 0171032-A/25
PD 27-SEP-2001
PF 23-MAR-2001 WO 2001JP002327
PR 24-MAR-2000 JP 00P 084264
PI MAKOTO NAGANO, MAYUMI ITO, YUKIKO SAGEHASHI, HIROAKI HATTORI, TORU

PI EGASHIRA,
PI SHIZUYA YAMASHITA, YUJI MATSUZAWA
PC CL201/68, CL2N15/12
CC Method of detecting risk factor for onset of arteriosclerosis
FH Key Location/Qualifiers
FT source 1..22
FT Location/Qualifiers
FEATURES
source 1..22
/mol_type="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match 0.9%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 GGTGGTGGTGGCGCACTGAC 252
Db 22 GGTGGTGGTGGCGCACTGAC 2

RESULT 62
E10526 23 bp DNA linear PAT 29-SEP-1997
LOCUS PCR primer, DR2 which is hybridized intron between exon 8 and exon 9
DEFINITION of vitamin D receptor.
ACCESSION E10526
VERSION E10526.1 GI:22027359
KEYWORDS JP 199600295-A/2.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 23)
AUTHORS Eguchi,H., Mochizuki,E., Kobayashi,S., Hosoda,K. and Shiraki,M.
TITLE ESTIMATION OF BONE DENSITY
JOURNAL Patent: JP 199600295-A 2 09-JAN-1996;
TEIJIN LTD
COMMENT OS None
OC Artificial sequences.
PN JP 199600295-A/2
PD 09-JAN-1996
PF 24-JUN-1994 JP 1994143044
PI EGUCHI HIROSHI, MOCHIZUKI EMIKO, KOBAYASHI SHINJI, PI HOSODA KENJI, SHIRAKI MASATAKA
PC CL201/68, CL2N15/09;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: Yes;
FH Key Location/Qualifiers
FT source 1..23
FT /organism='Artificial sequences'.
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source 1..23
/mol_type="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.9%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 AACGAGGGGGAGAGCTCAAG 1026
Db 1 AACGAGGGGGAGAGCTCAAG 21

RESULT 63
I34845 23 bp DNA linear PAT 13-MAY-1997
LOCUS Sequence 38 from patent US 5599673.
DEFINITION I34845
ACCESSION I34845
VERSION I34845.1 GI:2087813
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 23)
AUTHORS Keating,M.T., Curran,M.E. and Wang,Q.
TITLE Long QT syndrome genes
JOURNAL Patent: US 5599673-A 38 04-FEB-1997;
FEATURES Location/Qualifiers
source 1..23
/mol_type="unassigned DNA"

Query Match 0.9%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 698 CACTCAAGGAGATCAGACTGG 718
Db 22 CACACAGGGAGATCAGACAGG 2

RESULT 64
AX288612/c 24 bp DNA linear PAT 21-NOV-2001
LOCUS AX288612
DEFINITION Sequence 374 from Patent WO0179548.
ACCESSION AX288612
VERSION AX288612.1 GI:17050295
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Barany,F., Zirvi,M., Gerry,N.P., Favis,R. and Kliman,R.
TITLE Method of designing addressable array for detection of nucleic acid
JOURNAL sequence differences using ligase detection reaction
FEATURES Patent: WO 0179548-A 374 25-OCT-2001;
CORNELL RESEARCH FOUNDATION, INC. (US)
source 1..24
/mol_type="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Hypothetical Probe Sequence"

Query Match 0.9%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 994 AACCTGCTCATCAACGAGAGGGGA 1017
Db 24 AACGGGCTCATCAGAGAGCGGGA 1
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RESULT 65
AX129542
LOCUS AX129542 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 760 from Patent WO0130362.
ACCESSION AX129542
VERSION AX129542.1 GI:14135847
KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1027 CTGGCTGACTTTGGCTGCG 1045
DB 1 CTGGCAGATTTCGCTGCG 19
RESULT 66
AX129543
LOCUS AX129543 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 761 from Patent WO0130362.
ACCESSION AX129543
VERSION AX129543.1 GI:14135848
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1028 TGGCTGACTTTGGCTGCG 1046
DB 1 TGGCAGATTTCGCTGCG 19
RESULT 67
AX129544
LOCUS AX129544 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 762 from Patent WO0130362.
ACCESSION AX129544
VERSION AX129544.1 GI:14135849

KEYWORDS Homo sapiens (human)
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1029 GGCTGACTTTGGCTGCGC 1047
DB 1 GGCAGATTTCGCTGCGC 19
RESULT 68
AX130675
LOCUS AX130675 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 1893 from Patent WO0130362.
ACCESSION AX130675
VERSION AX130675.1 GI:14136980
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
Query Match 0.9%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2e+02; 2; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 993 GAACCTGCTCATCAACGAG 1011
DB 1 GAACCTGCTCATCAACGAG 19
RESULT 69
AX126606
LOCUS AX126606 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 35 from patent US 6180353.
ACCESSION AX126606
VERSION AX126606.1 GI:14113199
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE

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JOURNAL Patent: US 6180353-A 35 30-JAN-2001;
FEATURES Location/Qualifiers
source
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGTGGCGCA 247
Db 2 ATTGGAGGTGGTGGCGCA 20
|||||
|||||

RESULT 70
BD230517
LOCUS 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
ACCESSION BD230517
VERSION 1 GI:33040287
KEYWORDS JP 2002530091-A/386.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE 1 (bases 1 to 20)
AUTHORS Galibert, F. and Andre, C.
TITLE Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes
JOURNAL Patent: JP 2002530091-A 386 17-SEP-2002;
COMMENT CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
EN JP 2002530091-A/386
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PR 13-NOV-1998 US 60/108193
PI FRANCIS GALIBERT, CATHERINE ANDRE
PC C12N15/09, C12Q1/68, C12N15/00
CC A05022R
FH Key Location/Qualifiers
FT source
1. .20
/organism="Canis familiaris (dog)"

Query Match
Best Local Similarity 0.9%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1437 GGATGCCATGAACATCCA 1455
Db 1 GGATTCATGAGACATCCA 19
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|||||

RESULT 71
BD230605
LOCUS 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
ACCESSION BD230605
VERSION 1 GI:33040375
KEYWORDS JP 2002530091-A/474.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE 1 (bases 1 to 20)
AUTHORS Galibert, F. and Andre, C.

JOURNAL Patent: US 6180353-A 35 30-JAN-2001;
FEATURES Location/Qualifiers
source
1. .20
/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"

Query Match
Best Local Similarity 0.9%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1437 GGATGCCATGAACATCCA 1455
Db 1 GGATTCATGAGACATCCA 19
|||||
|||||

RESULT 71
BD230605
LOCUS 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Total genome radiation hybrid map of canine genome and its use for
identification of interesting genes.
ACCESSION BD230605
VERSION 1 GI:33040375
KEYWORDS JP 2002530091-A/474.
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
REFERENCE 1 (bases 1 to 20)
AUTHORS Galibert, F. and Andre, C.

JOURNAL Patent: JP 2002530091-A 474 17-SEP-2002;
COMMENT CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
OS Canis familiaris (dog)
EN JP 2002530091-A/474
PD 17-SEP-2002
PF 15-NOV-1999 JP 2000582596
PR 13-NOV-1998 US 60/108193
PI FRANCIS GALIBERT, CATHERINE ANDRE
PC C12N15/09, C12Q1/68, C12N15/00
CC A05022R
FH Key Location/Qualifiers
FT source
1. .20
/organism="Canis familiaris"
/mol_type="genomic DNA"
/db_xref="taxon:9615"

Query Match
Best Local Similarity 0.9%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1437 GGATGCCATGAACATCCA 1455
Db 1 GGATTCATGAGACATCCA 19
|||||
|||||

RESULT 72
AX662857/c
LOCUS 20 bp DNA linear PAT 22-MAR-2003
DEFINITION Sequence 68 from Patent WO02061134.
ACCESSION AX662857
VERSION AX662857.1 GI:29163438
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Roninson, I.B. and Chang, B.D.
TITLE Reagents and methods for identifying and modulating expression of
tumor senescence genes
JOURNAL Patent: WO 02061134-A 68 08-AUG-2002;
COMMENT THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (US)
OS Location/Qualifiers
EN 1. .20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR primer"

Query Match
Best Local Similarity 0.9%; Score 15.8; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1024 AAGCTGGCTGACTTTGGCC 1042
Db 19 AAATCGGCTGATTTGGCC 1
|||||
|||||

RESULT 73
AR349814
LOCUS 22 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 5 from patent US 6586192.
ACCESSION AR349814
VERSION AR349814.1 GI:33750702
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 22)

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Query Match

[illegible]

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RESULT 83
AX537767/C
LOCUS AX537767 linear PAT 23-NOV-2002
DEFINITION Sequence 20 from Patent WO02070721.
ACCESSION AX537767
VERSION AX537767.1 GI:25269791
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS Wolff,A.M., Appel,K.F., Petersen,J.B., Poulsen,U., Arnau,J. and
TITLE Recombinant dimorphic fungal cell
JOURNAL Patent: WO 02070721-A 20 12-SEP-2002;
FEATURES
source location/Qualifiers
1.24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"
Query Match 0.9%; Score 15.6; DB 1; Length 24;
Best Local Similarity 52.2%; Pred. No. 3.2e+02;
Matches 12; Conservative 4; Mismatches 4; Indels 0; Gaps 0;
QY 974 ACCGAGACTCAAGCCCGAGAAC 996
Db :||:||||:||||:||||:||||:
23 AYMGNGAYTTNARCCNGARAY 1

RESULT 84
AX434121
LOCUS AR434121 linear PAT 18-DEC-2003
DEFINITION Sequence 544 from patent US 6656700.
ACCESSION AR434121
VERSION AR434121.1 GI:40196964
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE
AUTHORS Gu,Y. and Shannon,M.E.
TITLE Isoforms of human pregnancy-associated protein-E
JOURNAL Patent: US 6656700-A 544 02-DEC-2003;
FEATURES
source location/Qualifiers
1.17
/organism="unknown"
/mol_type="genomic DNA"
Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 287 AACTTCGTTCTGCGACGG 303
Db |||||
1 AACTTCGTTCTGCGACGG 17

RESULT 85
AX423568
LOCUS AX423568 linear PAT 18-JUN-2002
DEFINITION Sequence 1904 from Patent WO0188124.
ACCESSION AX423568
VERSION AX423568.1 GI:21526950
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Telerman,A., Anson,R. and Tuijnder,M.
TITLE Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 3103 27-MAR-2003;
FEATURES
source location/Qualifiers
1
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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AUTHORS Jarvis,T., von Carlowitz,I., Mcswiggen,J.A., McLaughlin,F.G. and
Randi,A.M.
TITLE Method and reagent for the inhibition of erg
JOURNAL Patent: WO 0188124-A 1904 22-NOV-2001;
FEATURES
source location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1295 CCAACGAGGAGTTCAGG 1311
Db |||||
1 CCAACGAGGAGTTCAGG 17

RESULT 86
AX579661
LOCUS AX579661 linear PAT 10-JAN-2003
DEFINITION Sequence 1499 from Patent WO0211674.
ACCESSION AX579661
VERSION AX579661.1 GI:27648863
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE Thompson,J., Mcswiggen,J., McKenzie,T., Ayers,D., Szymkowski,D.E.
and Grupe,A.
METHOD Method and reagent for the inhibition of calcium activated chloride
channel-1 (clca-1)
JOURNAL Patent: WO 0211674-A 1499 14-FEB-2002;
FEATURES
source location/Qualifiers
1.17
/organism="Homo sapiens"
/mol_type="unassigned RNA"
/db_xref="taxon:9606"
Query Match 0.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1573 TCAGGCGGCCGAGCTTT 1589
Db |||||
1 TCAAGCGGCCGAGCTTT 17

RESULT 87
AX725416
LOCUS AX725416 linear PAT 08-MAY-2003
DEFINITION Sequence 3103 from Patent WO03025176.
ACCESSION AX725416
VERSION AX725416.1 GI:30504759
KEYWORDS
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus.
TITLE Telerman,A., Anson,R. and Tuijnder,M.
SEQUENCES Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or virus resistance and their use as
medicines
JOURNAL Patent: WO 03025176-A 3103 27-MAR-2003;
FEATURES
source location/Qualifiers
1
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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source      1. .17
            /organism="Mus musculus"
            /mol_type="unassigned DNA"
            /db_xref="taxon:10090"

Query Match
Best Local Similarity 0.9%; Score 15.4; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 127 GATCGGATGAGGAAGAT 143
Db 1 GATCGGATGAGGAAGAT 17

RESULT 88
A4884/c
LOCUS      19 bp      DNA      linear      PAT 07-MAR-1997
DEFINITION
Sequence 24 from Patent WO9604387.
ACCESSION  A4884
VERSION     A4884.1 GI:2302546
KEYWORDS   unidentified
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Du,A., Faucheu,C., Hercend,T., Lalanne,J., Livingston,D.J. and
            Su,M.S.
TITLE      DNA SEQUENCES CODING FOR THE HUMAN PROTEINS TX AND TY RELATED TO
            THE INTERLEUKIN-1BETA CONVERTING ENZYME
JOURNAL    Patent: WO 9604387-A 24 15-FEB-1996;
            ROUSSEL UCLAF (FR)
COMMENT    Other publication AU 3118095 960304
            Other publication FR 2723378 960209.
FEATURES   Location/Qualifiers
            source
            1. .19
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match
Best Local Similarity 0.9%; Score 15.4; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1436 AGGATGCCATGAACAT 1452
Db 18 AGGATGCCATGAACAT 2

RESULT 89
AR127171/c
LOCUS      19 bp      DNA      linear      PAT 16-MAY-2001
DEFINITION
Sequence 24 from patent US 6180386.
ACCESSION  AR127171
VERSION     AR127171.1 GI:14113764
KEYWORDS   Unknown.
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Du,A., Faucheu,C., Hercend,T., Lalanne,J.Louis., Livingston,D.J.
            and Su,M.
TITLE      DNA sequences coding for the human proteins Tx and Ty related to
            the interleukin-beta converting enzyme
JOURNAL    Patent: US 6180386-A 24 30-JAN-2001;
            Location/Qualifiers
            source
            1. .19
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.4; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

source      1. .17
            /organism="Mus musculus"
            /mol_type="unassigned DNA"
            /db_xref="taxon:10090"

Query Match
Best Local Similarity 94.1%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1436 AGGATGCCATGAACAT 1452
Db 18 AGGATGCCATGAACAT 2

RESULT 90
AX129090
LOCUS      19 bp      DNA      linear      PAT 15-MAY-2001
DEFINITION
Sequence 308 from Patent WO0130362.
ACCESSION  AX129090
VERSION     AX129090.1 GI:14135395
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
AUTHORS    Robbins,J.M. and Tritz,R.
TITLE      Ribozyme therapy for the treatment of proliferative skin and eye
            diseases
JOURNAL    Patent: WO 0130362-A 308 03-MAY-2001;
            IMMUSOL, INC. (US)
FEATURES   Location/Qualifiers
            source
            1. .19
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
            /note="cdk3 ribozyme binding site"

Query Match
Best Local Similarity 0.9%; Score 15.4; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 703 AAGGATCAGACTGGA 719
Db 2 AAGAAGATCAGACTGGA 18

RESULT 91
AX020544
LOCUS      20 bp      DNA      linear      PAT 07-SEP-2000
DEFINITION
Sequence 44 from Patent WO9934016.
ACCESSION  AX020544
VERSION     AX020544.1 GI:10044234
KEYWORDS   Homo sapiens (human)
SOURCE     Homo sapiens
ORGANISM   Homo sapiens
REFERENCE  1
AUTHORS    Vider,B.Z.
TITLE      A method for identifying and characterizing cells and tissues
            Patent: WO 9934016-A 44 08-JUL-1999;
            GENENA LTD (IL); VIDER BEN ZION (IL)
JOURNAL    Location/Qualifiers
            source
            1. .20
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match
Best Local Similarity 0.9%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1024 AAGCTGGCTGACTTTGG 1040
Db 1 AAGGTGGCTGACTTTGG 17

RESULT 92
AR199403
LOCUS      21 bp      DNA      linear      PAT 20-APR-2002
DEFINITION
Sequence 24 from patent US 6355434.

```

ACCESSION AR199403
VERSION AR199403.1 GI:20249477
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Drazen,J.M., In,K.-H., Asano,K., Beier,D. and Grobholz,J.
TITLE 5-Lipoxygenase gene polymorphisms and their use in classifying patients
JOURNAL Patent: US 635434-A 24 12-MAR-2002;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 992 AGAACCTGCTCATCAAC 1008
Db 4 AGAACCTGTTTCATCAAC 20
RESULT 93
AR302251/c
LOCUS AR302251 21 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 6 from patent US 6541217.
ACCESSION AR302251
VERSION AR302251.1 GI:31690482
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Hiraoka,A., Sugimura,A. and Mio,H.
TITLE Hematopoietic stem cell growth factor (SCGF)
JOURNAL Patent: US 6541217-A 6 01-APR-2003;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 614 CCTACATTAAAGCTGGAC 630
Db 19 CCTGCATTAAAGCTGGAC 3
RESULT 94
AX096903
LOCUS AX096903 21 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 2081 from Patent WO0118250.
ACCESSION AX096903
VERSION AX096903.1 GI:13513171
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Lander,E.S., Gargill,M., Ireland,J.S., Bolk,S., Daley,G.Q. and
McCarthy,J.J.
TITLE Single nucleotide polymorphisms in genes
JOURNAL Patent: WO 0118250-A 2081 15-MAR-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Millennium
Pharmaceuticals, Inc. (US)
FEATURES Location/Qualifiers
source 1..21

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 1027 CTGGCTGACTTTGGCGCTGG 1045
Db 3 CTCGGTGATTTTGGCGCTGG 21
RESULT 95
AX154199
LOCUS AX154199 21 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 297 from Patent WO0138576.
ACCESSION AX154199
VERSION AX154199.1 GI:14535813
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Cargill,M., Ireland,J.S. and Lander,E.S.
TITLE Human single nucleotide polymorphisms
JOURNAL Patent: WO 0138576-A 297 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
FEATURES Location/Qualifiers
source 1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 43 GGAGGACCAGCAGTGTGAC 61
Db 2 GGAGGACCTCAGCGTGAC 20
RESULT 96
AX154440
LOCUS AX154440 21 bp DNA linear PAT 22-JUN-2001
DEFINITION Sequence 538 from Patent WO0138576.
ACCESSION AX154440
VERSION AX154440.1 GI:14536054
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Cargill,M., Ireland,J.S. and Lander,E.S.
TITLE Human single nucleotide polymorphisms
JOURNAL Patent: WO 0138576-A 538 31-MAY-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
FEATURES Location/Qualifiers
source 1..21
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 923 TGTTCACAGCTGCTCCGTGG 941
Db 2 TGATCCGCGKCTCCGTGG 20

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RESULT 97
AX543865
LOCUS AX543865 21 bp DNA linear PAT 23-NOV-2002
DEFINITION Sequence 13 from Patent WO0234918.
ACCESSION AX543865
VERSION AX543865.1 GI:25277302
KEYWORDS Synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Welch,R.A. and Lathem,W.W.
TITLE R.coli 0157:h7 c1 esterase inhibitor-binding protein and methods of use
JOURNAL Patent: WO 0234918-A 13 02-MAY-2002;
WISCONSIN ALUMNI RESEARCH FOUNDATION (US)
FEATURES
source
1. .21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Oligonucleotide"
Query Match 0.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1220 CGGTGGAGGACGCTA 1236
Db 1 CGGTGGAGGACGCTA 17

RESULT 98
E35606
LOCUS E35606 23 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for detecting high viral concentration in plasma and/or serum by using polymerase chain reaction.
ACCESSION E35606
VERSION E35606.1 GI:13019100
KEYWORDS JP.199225797-A/2.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 23)
AUTHORS Thomas V. and Albrecht,G.
TITLE Method for detecting high viral concentration in plasma and/or serum by using polymerase chain reaction
JOURNAL Patent: JP 199225797-A 2 24-AUG-1999;
CENTEON PHARMA GMBH
COMMENT OS Unidentified
PN JP 199225797-A/2
PD 24-AUG-1999
PF 27-NOV-1998 JP 1998336431
PR 28-NOV-1997 DE 19752898.8
PI THOMAS VAIMA,ALBRECHT GROENER
PC C12Q1/68//C12N15/09,C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source 1. .23
FT /organism="Unidentified".
FEATURES
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1. .23
/organism="unidentified"
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/db_xref="taxon:32644"
Query Match 0.9%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

RESULT 99
AX022849
LOCUS AX022849 23 bp DNA linear PAT 24-NOV-2000
DEFINITION Sequence 2 from Patent EP0922771.
ACCESSION AX022849
VERSION AX022849.1 GI:10046342
KEYWORDS .
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Groener,A.D. and Weimer,T.D.
TITLE Method for the detection of large concentrations of a virus in blood plasma and/ or blood serum using the polymerase chain reaction
JOURNAL Patent: EP 0922771-A 2 16-JUN-1999;
CENTEON PHARMA GMBH (DE)
FEATURES
source
1. .23
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
Query Match 0.9%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1226 AGGACAGCTACACTTC 1242
Db 2 AGGACAGCTACACTTC 18

RESULT 100
DOGP409B01/c
LOCUS DOGP409B01 20 bp DNA linear MAM 16-JAN-1996
DEFINITION Dog (Clone: CXK.409B) primer for STS 409B, 5' end.
ACCESSION L24296
VERSION L24296.1 GI:401987
KEYWORDS PCR identification; PCR primer; STS.
SEGMENT 1 of 2
SOURCE Canis familiaris (dog)
ORGANISM Canis familiaris
REFERENCE 1 (bases 1 to 20)
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.
TITLE Ostrander,E.A., Mapa,F.A., Yee,M. and Rine,J.
COMMENT One hundred and one new simple sequence repeat-based markers for the canine genome
Mamm. Genome 6 (3), 192-195 (1995)
JOURNAL Mamm. Genome 6 (3), 192-195 (1995)
MEDLINE 95268214
PUBMED 7749226
COMMENT Original source text: Canis familiaris (Library: E. Ostrander, in pBluescript+) adult spleen DNA.
Submitted by:
Fred Hutchinson Cancer Research Center
Transplantation Biology Dept
1124 Columbia; Mailstop M318
Seattle, WA 98104, USA
e-mail: EAOstrander@bl.gov
PCR Buffer: PCR buffer (Perkin-Elmer/Cetus)
PCR Profile: Denaturation: 94 degrees C for 1.00 minute
Annealing: 55 or 59 degrees C for 0.45 minutes
Polymerization: 74 degrees C for 1.00 minutes
PCR Cycles: 33
Final Extension: 74 degrees C for 5.00 minutes.
FEATURES
source
1. .20
/organism="Canis familiaris"

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/mol_type="genomic DNA"
/db_xref="taxon:9615"
/tissue_type="spleen"
/dev_stage="adult"
/tissue_lib="E. Ostrander, in pBluescript+"
primer_bind 1..20

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 662 ACAAGGCGAAAGCAAGCTC 681
Db 20 ACATAGGCGAAGCAGGCTC 1

RESULT 101
AR117539/c
LOCUS AR117539 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 29 from patent US 6140124.
ACCESSION AR117539
VERSION AR117539.1 GI:14098445
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P., Gaarde,W.A., Nero,P.S. and McKay,R.
TITLE Antisense modulation of p38 mitogen activated protein kinase
JOURNAL expression
PATENT: US 6140124-A 29 31-OCT-2000;
FEATURES
source Location/Qualifiers
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGCACTCAACAC 783
Db 20 TGCTCAAGCACTGAAGCAC 1

RESULT 102
AR120030/c
LOCUS AR120030 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 34 from patent US 6153595.
ACCESSION AR120030
VERSION AR120030.1 GI:14102729
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Draper,K.G., Kiser,D.L., Anderson,K.P. and Chapman,S.
TITLE Composition and method for treatment of CMV infections
JOURNAL Patent: US 6153595-A 34 28-NOV-2000;
FEATURES
source Location/Qualifiers
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 20 CGCAAGAAGAGAGCAACG 1

RESULT 103
AR120085/c
LOCUS AR120085 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 89 from patent US 6153595.
ACCESSION AR120085
VERSION AR120085.1 GI:14102784
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Draper,K.G., Kiser,D.L., Anderson,K.P. and Chapman,S.
TITLE Composition and method for treatment of CMV infections
JOURNAL Patent: US 6153595-A 89 28-NOV-2000;
FEATURES
source Location/Qualifiers
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 20 CGCAAGAAGAGAGCAACG 1

RESULT 104
AR123064
LOCUS AR123064 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 8 from patent US 6168950.
ACCESSION AR123064
VERSION AR123064.1 GI:14108030
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P., Gaarde,W., Ward,D.T. and Cowsett,L.M.
TITLE Antisense modulation of MEK1 expression
JOURNAL Patent: US 6168950-A 8 02-JAN-2001;
FEATURES
source Location/Qualifiers
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGCCTCC 571
Db 1 GCTCTCGCGCGCCTGC 20

RESULT 105
BD250275/c
LOCUS BD250275 20 bp DNA linear PAT 17-JUL-2003
DEFINITION Antisense modulation of p38 mitogen activated protein kinase
expression.
ACCESSION BD250275
VERSION BD250275.1 GI:33060045
KEYWORDS JP 2002540781-A/27.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P., Gaarde,W.A., Nero,P.S., McKay,R. and Popoff,I.
TITLE Antisense modulation of p38 mitogen activated protein kinase
JOURNAL Patent: JP 2002540781-A 27 03-DEC-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Artificial Sequence
```

PN JP 2002540781-A/27
PD 03-DEC-2002
PF 04-APR-2000 JP 2000609429
PI 06-APR-1999 US 09/286904
PR BRETT P MONIA, WILLIAM A GARDE, PAMELA S NERO, ROBERT MCKAY, IAN
POPOFF
PC C12N15/09, A61K31/711, A61P19/02, A61P29/00, A61P37/06,
A61P43/00,
PC C12N5/10, C12N9/99, C12N15/00, C12N5/00
CC Antisense modulation of p38 mitogen activated protein kinase
expression
FH Key Location/Qualifiers
FT source 1. .20
FT /organism="Artificial Sequence".
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGACCTCAACAC 783
DB 20 TGCTCAAGACCTGAAGCAC 1

RESULT 106
E59787/c
LOCUS
DEFINITION
Canine obesity gene, its gene product and process for producing it,
and assaying reagent and assay.
ACCESSION
E59787
VERSION
JP 2000279171-A/4.
KEYWORDS
synthetic construct
SOURCE
artificial sequences.
ORGANISM
1 (bases 1 to 20)
REFERENCE
Honsho, T. and Saito, M.
AUTHORS
Canine obesity gene, its gene product and process for producing it,
and assaying reagent and assay
TITLE
Patent: JP 2000279171-A 4 10-OCT-2000;
JOURNAL
MORINAGA & CO LTD
COMMENT
OS Artificial Sequence
PN JP 2000279171-A/4
PD 10-OCT-2000
PF 30-MAR-1999 JP 1999088295
PR TSUTOMU HONSHO, MASAYUKI SAITO
PI C12N15/09, C07K14/47, C07K16/18, C12N1/21, C12P21/02, G01N33/53//
PC (C12P21/02, C12R1:19), C12N15/00
CC
FH Key Location/Qualifiers
FT source 1. .20
FT /organism="Artificial Sequence".
FEATURES
source
1. .20
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1075 TACTCAATGAGGTGGTGAC 1094
DB 20 TACTCCACAGAGGTGGTGGC 1

RESULT 107
I13826/c
LOCUS
DEFINITION
Sequence 34 from patent US 5442049.
ACCESSION
I13826
VERSION
I13826.1 GI:996256
KEYWORDS
Unknown.
SOURCE
Unknown.
ORGANISM
Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Anderson, K., Draper, K. and Baker, B.
TITLE
Oligonucleotides for modulating the effects of cytomegalovirus
infections
JOURNAL
Patent: US 5442049-A 34 15-AUG-1995;
FEATURES
source
1. .20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGAGATCAACG 149
DB 20 CGCAGAGAGAGAGATCAACG 1

RESULT 108
AR196794/c
LOCUS
DEFINITION
Sequence 1259 from patent US 6350934.
ACCESSION
AR196794
VERSION
AR196794.1 GI:20246231
KEYWORDS
Unknown.
SOURCE
Unknown.
ORGANISM
Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Zwick, M.G., Edington, B.E., McSwiggen, J.A., Merlo, P. Ann. Owens.,
Guo, L., Skokut, T.A., Young, S.A., Folkerts, O. and Merlo, D.J.
TITLE
Nucleic acid encoding delta-9 desaturase
JOURNAL
Patent: US 6350934-A 1259 26-FEB-2002;
FEATURES
source
1. .20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGGCTCGGAT 396
DB 20 CATGAGCCAGGCTCGGAT 1

RESULT 109
AR200901/c
LOCUS
DEFINITION
Sequence 14 from patent US 6358688.
ACCESSION
AR200901
VERSION
AR200901.1 GI:20251789
KEYWORDS
Unknown.
SOURCE
Unknown.
ORGANISM
Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Lim, D.J., Chun, Y.-M., Rhim, J.S. and Brackmann, D.E.
TITLE
Immortalized human middle ear epithelial cell lines
JOURNAL
Patent: US 6358688-A 14 19-MAR-2002;
FEATURES
source
1. .20
Location/Qualifiers

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source
1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1326 CAAGTACCGAGCGAGGCC 1345
DB 20 CAAGTACTCAGCAGGCCCC 1

RESULT 110
AR221415/c
LOCUS AR221415 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 54 from patent US 6426220.
ACCESSION AR221415
VERSION AR221415.1 GI:23328465
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F. and Cowser,L.M.
TITLE Antisense modulation of calreticulin expression
JOURNAL Patent: US 6426220-A 54 30-JUL-2002;
FEATURES Location/Qualifiers
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CATCTTTGACAAAGCCCTCA 559
DB 20 CATCTTTGACAACTCTCTCA 1

RESULT 111
AR226109
LOCUS AR226109 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 172 from patent US 6444465.
ACCESSION AR226109
VERSION AR226109.1 GI:27264263
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Wyatt,J. and Freier,S.M.
TITLE Antisense modulation of Her-1 expression
JOURNAL Patent: US 6444465-A 172 03-SEP-2002;
FEATURES Location/Qualifiers
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 ACTGCCACCGCAGAGGTG 969
DB 1 AATGCCACCGCAGAGGTG 20

RESULT 112
AR228824/c
LOCUS AR228824 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 29 from patent US 6448079.

ACCESSION AR228824
VERSION AR228824.1 GI:27267963
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P., Gaarde,W.A., Nero,P. and McKay,R.
TITLE Antisense modulation of p38 mitogen activated protein kinase expression
JOURNAL Patent: US 6448079-A 29 10-SEP-2002;
FEATURES Location/Qualifiers
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAACAC 783
DB 20 TGCTCAAGCACCTGAAGCAC 1

RESULT 113
AR437111/c
LOCUS AR437111 20 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 163 from patent US 6656732.
ACCESSION AR437111
VERSION AR437111.1 GI:40200195
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F. and Watt,A.T.
TITLE Antisense inhibition of src-c expression
JOURNAL Patent: US 6656732-A 163 02-DEC-2003;
FEATURES Location/Qualifiers
source
1. .20
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 TGGCTGACTTTGGCCTGGCC 1047
DB 20 TGGCCGACTTTGGTTGGCC 1

RESULT 114
AX020785
LOCUS AX020785 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 285 from patent WO9934016.
ACCESSION AX020785
VERSION AX020785.1 GI:10044484
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Vidar,B.Z.
TITLE A method for identifying and characterizing cells and tissues
JOURNAL Patent: WO 9934016-A 285 08-JUL-1999;
GENEVA LTD (IL); VIDAR BEN ZION (IL)
FEATURES Location/Qualifiers
source
1. .20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"

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Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 970 CTACACCGAGACTCAAGCC 989
Db 1 CTGACCGGTGACCTCAAGAC 20

RESULT 115
AX101161
LOCUS AX101161 20 bp DNA linear PAT 10-APR-2001
DEFINITION Sequence 3 from Patent WO0121766.
ACCESSION AX101161
VERSION AX101161.1 GI:13619997
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1..20
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="human-specific globin primer"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1627 GGCCCCAGCAGGCGCGGCT 1646
Db 1 GTCACAGCAGCGCGGTGCT 20

RESULT 116
AX801596/c
LOCUS AX801596 20 bp DNA linear PAT 24-NOV-2003
DEFINITION Sequence 32 from Patent EP1329506.
ACCESSION AX801596
VERSION AX801596.1 GI:38500568
KEYWORDS
SOURCE synthetic construct
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 713 GACTGGACATGAAGAGGGG 732
Db 20 GAATGGACAGGAGGAGG 1

RESULT 117
AX805828/c
LOCUS AX805828 20 bp DNA linear PAT 25-NOV-2003
DEFINITION Sequence 32 from Patent WO03060119.
ACCESSION AX805828
VERSION AX805828.1 GI:38522739
KEYWORDS
SOURCE synthetic construct
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 713 GACTGGACATGAAGAGGGG 732
Db 20 GAATGGACAGGAGGAGG 1

RESULT 118
BD137479
LOCUS BD137479 20 bp DNA linear PAT 18-SEP-2002
DEFINITION High expression escherichia coli expression vector.
ACCESSION BD137479
VERSION BD137479.1 GI:23232424
KEYWORDS
SOURCE Escherichia coli
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
OS Escherichia coli
PN JP 2002508946-A/3
PD 26-MAR-2002
PF 11-DEC-1998 JP 2000539121
PR 16-DEC-1997 US 60/069751
PI SUO W LIU, THOMAS FRANCESCHINI
PC C12N15/09, C12N1/21, C12N15/00
CC High expression escherichia coli expression vector PH Key
FT source
FT Location/Qualifiers
1..20
/organism="Escherichia coli"
/mol_type="genomic DNA"
/db_xref="taxon:562"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 20;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1433 CAGAGGATGCCATGAACAT 1452
Db 1 CAGAGGATATCATGAAAAAT 20

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RESULT 119
AR020912
LOCUS AR020912 21 bp DNA linear PAT 05-DEC-1998
DEFINITION Sequence 10 from patent US 5789223.
ACCESSION AR020912
VERSION AR020912.1 GI:3975527
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 21)
AUTHORS Bergsma,D.Jon., Stambolian,D.Edward., Ruben,S.M. and Rosen,C.A.
TITLE Human galactokinase gene
JOURNAL Patent: US 5789223-A 10 04-AUG-1998;
FEATURES
LOCATION/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTCGGCCTGG 946
|||||
Db 2 CCAGCAGCTCCGCGACCTGG 21

RESULT 120
AR029142/c
LOCUS AR029142 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 18 from patent US 5859221.
ACCESSION AR029142
VERSION AR029142.1 GI:5941115
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 21)
AUTHORS Cook,P.Dan. and Kawasaki,A.Mamoru.
TITLE 2'-modified oligonucleotides
JOURNAL Patent: US 5859221-A 18 12-JAN-1999;
FEATURES
LOCATION/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
|||||
Db 21 CGCAAGAAGAGAGCAACG 2

RESULT 121
AR029143/c
LOCUS AR029143 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 19 from patent US 5859221.
ACCESSION AR029143
VERSION AR029143.1 GI:5941116
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 21)
AUTHORS Cook,P.Dan. and Kawasaki,A.Mamoru.
TITLE 2'-modified oligonucleotides
JOURNAL Patent: US 5859221-A 19 12-JAN-1999;
FEATURES
LOCATION/Qualifiers
source
1..21
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/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
|||||
Db 21 CGCAAGAAGAGAGCAACG 2
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source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
|||||
Db 21 CGCAAGAAGAGAGCAACG 2

RESULT 122
AR036526/c
LOCUS AR036526 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 18 from patent US 5872232.
ACCESSION AR036526
VERSION AR036526.1 GI:5953194
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 21)
AUTHORS Cook,P.Dan. and Kawasaki,A.Mamoru.
TITLE 2'-O-modified oligonucleotides
JOURNAL Patent: US 5872232-A 18 16-FEB-1999;
FEATURES
LOCATION/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
|||||
Db 21 CGCAAGAAGAGAGCAACG 2

RESULT 123
AR036527/c
LOCUS AR036527 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 19 from patent US 5872232.
ACCESSION AR036527
VERSION AR036527.1 GI:5953195
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 21)
AUTHORS Cook,P.Dan. and Kawasaki,A.Mamoru.
TITLE 2'-O-modified oligonucleotides
JOURNAL Patent: US 5872232-A 19 16-FEB-1999;
FEATURES
LOCATION/Qualifiers
source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149
|||||
Db 21 CGCAAGAAGAGAGCAACG 2
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ACCESSION AR037493
VERSION AR037493.1 GI:5955349
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Pari,G.S.
TITLE Oligonucleotides with anti-cytomegalovirus activity
JOURNAL Patent: US 5801235-A 24 01-SEP-1998;
FEATURES Location/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGGAAGATCAAACG 149
Db 21 CGCAAGAGAGGCAACG 2

RESULT 125
LOCUS AR051035
DEFINITION Sequence 10 from patent US 5830649.
ACCESSION AR051035
VERSION AR051035.1 GI:5974399
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Bergsma,D.Jon. and Stambolian,D.Edward.
TITLE Human galactokinase gene
JOURNAL Patent: US 5830649-A 10 03-NOV-1998;
FEATURES Location/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGCGCTGG 946
Db 2 CCAGCAGCTCCGCGACCTGG 21

RESULT 126
LOCUS AR084547/c
DEFINITION Sequence 36 from patent US 5981185.
ACCESSION AR084547
VERSION AR084547.1 GI:10011318
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 36 09-NOV-1999;
FEATURES Location/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGCGCTGG 946
Db 2 CCAGCAGCTCCGCGACCTGG 21

RESULT 127
LOCUS AR084561/c
DEFINITION Sequence 50 from patent US 5981185.
ACCESSION AR084561
VERSION AR084561.1 GI:10011332
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 50 09-NOV-1999;
FEATURES Location/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGCGAGTG 250
Db 21 TGGTGGTGGTGGTGGTGGTG 2

RESULT 128
LOCUS AR084584
DEFINITION Sequence 73 from patent US 5981185.
ACCESSION AR084584
VERSION AR084584.1 GI:10011355
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 73 09-NOV-1999;
FEATURES Location/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGGCGACT 249
Db 20 GTGGTGGTGGTGGTGGTGGT 1

RESULT 129
LOCUS AR084599
DEFINITION Sequence 88 from patent US 5981185.
ACCESSION AR084599
VERSION AR084599.1 GI:10011370
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 88 09-NOV-1999;
FEATURES Location/Qualifiers
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGGCGACT 249
Db 2 GTGGTGGTGGTGGTGGTGGT 21
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REFERENCE 1 (bases 1 to 21)
AUTHORS Matson,R.S., Coassin,P.J., Rampal,J.B. and Caskey,C.Thomas.
TITLE Oligonucleotide repeat arrays
JOURNAL Patent: US 5981185-A 88 09-NOV-1999;
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    LOCATION/Qualifiers
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        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGCGAGTG 250
Db 1 TGGTGGTGGTGGTGGTGGTG 20

RESULT 130
AR096059/c
LOCUS AR096059
DEFINITION Sequence 18 from patent US 6005087.
ACCESSION AR096059
VERSION AR096059.1 GI:10024516
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cook,P.Dan. and Kawasaki,A.Mamoru.
TITLE 2'-modified oligonucleotides
JOURNAL Patent: US 6005087-A 18 21-DEC-1999;
FEATURES
    LOCATION/Qualifiers
    source
        1..21
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 131
AR096060/c
LOCUS AR096060
DEFINITION Sequence 19 from patent US 6005087.
ACCESSION AR096060
VERSION AR096060.1 GI:10024518
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cook,P.Dan. and Kawasaki,A.Mamoru.
TITLE 2'-modified oligonucleotides
JOURNAL Patent: US 6005087-A 19 21-DEC-1999;
FEATURES
    LOCATION/Qualifiers
    source
        1..21
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 132
AR110485/c
LOCUS AR110485
DEFINITION Sequence 3 from patent US 6114519.
ACCESSION AR110485
VERSION AR110485.1 GI:12826761
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cole,D.L., Ravikumar,V.T. and Cheruvallath,Z.S.
TITLE Synthesis of sulfurized oligonucleotides
JOURNAL Patent: US 6114519-A 3 05-SEP-2000;
FEATURES
    LOCATION/Qualifiers
    source
        1..21
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 133
AR110489/c
LOCUS AR110489
DEFINITION Sequence 7 from patent US 6114519.
ACCESSION AR110489
VERSION AR110489.1 GI:12826765
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cole,D.L., Ravikumar,V.T. and Cheruvallath,Z.S.
TITLE Synthesis of sulfurized oligonucleotides
JOURNAL Patent: US 6114519-A 7 05-SEP-2000;
FEATURES
    LOCATION/Qualifiers
    source
        1..21
        /organism="unknown"
        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 134
AR120018/c
LOCUS AR120018
DEFINITION Sequence 22 from patent US 6153595.
ACCESSION AR120018
VERSION AR120018.1 GI:14102717
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Draper,K.G., Kisser,D.L., Anderson,K.P. and Chapman,S.
TITLE Composition and method for treatment of CMV infections
JOURNAL Patent: US 6153595-A 22 28-NOV-2000;
FEATURES
    LOCATION/Qualifiers
    source
        1..21
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RESULT 132
AR110485/c
LOCUS AR110485
DEFINITION Sequence 3 from patent US 6114519.
ACCESSION AR110485
VERSION AR110485.1 GI:12826761
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cole,D.L., Ravikumar,V.T. and Cheruvallath,Z.S.
TITLE Synthesis of sulfurized oligonucleotides
JOURNAL Patent: US 6114519-A 3 05-SEP-2000;
FEATURES
    LOCATION/Qualifiers
    source
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        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 133
AR110489/c
LOCUS AR110489
DEFINITION Sequence 7 from patent US 6114519.
ACCESSION AR110489
VERSION AR110489.1 GI:12826765
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Cole,D.L., Ravikumar,V.T. and Cheruvallath,Z.S.
TITLE Synthesis of sulfurized oligonucleotides
JOURNAL Patent: US 6114519-A 7 05-SEP-2000;
FEATURES
    LOCATION/Qualifiers
    source
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        /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 134
AR120018/c
LOCUS AR120018
DEFINITION Sequence 22 from patent US 6153595.
ACCESSION AR120018
VERSION AR120018.1 GI:14102717
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Draper,K.G., Kisser,D.L., Anderson,K.P. and Chapman,S.
TITLE Composition and method for treatment of CMV infections
JOURNAL Patent: US 6153595-A 22 28-NOV-2000;
FEATURES
    LOCATION/Qualifiers
    source
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Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 135
LOCUS AR120084 21 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 88 from patent US 6153595.
ACCESSION AR120084
VERSION AR120084.1 GI:14102783
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Draper,K.G., Kisner,D.L., Anderson,K.P. and Chapman,S.
TITLE Composition and method for treatment of CMV infections
JOURNAL Patent: US 6153595-A 88 28-NOV-2000;
FEATURES Location/Qualifiers
source 1..21
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 1 CGCAAGAGAGAGCAAAACG 20

RESULT 136
LOCUS AR121943 21 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 3 from patent US 6160152.
ACCESSION AR121943
VERSION AR121943.1 GI:14105519
KEYWORDS
SOURCE
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Capaldi,D.C. and Ravikumar,V.T.
TITLE Process for the synthesis of oligomeric compounds
JOURNAL Patent: US 6160152-A 3 12-DEC-2000;
FEATURES Location/Qualifiers
source 1..21
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 137
LOCUS AR165298 21 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 3 from patent US 6274725.
ACCESSION AR165298
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VERSION AR165298.1 GI:16238848
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sanghvi,Y. and Manoharan,M.
TITLE Activators for oligonucleotide synthesis
JOURNAL Patent: US 6274725-A 3 14-AUG-2001;
FEATURES Location/Qualifiers
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Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 138
LOCUS AR165307 21 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 12 from patent US 6274725.
ACCESSION AR165307
VERSION AR165307.1 GI:16238866
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sanghvi,Y. and Manoharan,M.
TITLE Activators for oligonucleotide synthesis
JOURNAL Patent: US 6274725-A 12 14-AUG-2001;
FEATURES Location/Qualifiers
source 1..21
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/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 139
LOCUS AR165321 21 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 26 from patent US 6274725.
ACCESSION AR165321
VERSION AR165321.1 GI:16238881
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sanghvi,Y. and Manoharan,M.
TITLE Activators for oligonucleotide synthesis
JOURNAL Patent: US 6274725-A 26 14-AUG-2001;
FEATURES Location/Qualifiers
source 1..21
/mol_type="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAGAGAGCAACG 2

RESULT 140
LOCUS AR165329/c
DEFINITION Sequence 34 from patent US 6274725.
ACCESSION AR165329
VERSION AR165329.1 GI:16238893
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sanghvi,Y. and Manoharan,M.
TITLE Activators for oligonucleotide synthesis
JOURNAL Patent: US 6274725-A 34 14-AUG-2001;
FEATURES
    source
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                /mol_type="unassigned DNA"
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAGAGAGCAACG 2

RESULT 141
LOCUS AR165336/c
DEFINITION Sequence 41 from patent US 6274725.
ACCESSION AR165336
VERSION AR165336.1 GI:16238904
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Sanghvi,Y. and Manoharan,M.
TITLE Activators for oligonucleotide synthesis
JOURNAL Patent: US 6274725-A 41 14-AUG-2001;
FEATURES
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Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAGAGAGCAACG 2

RESULT 142
LOCUS BD272007/c
DEFINITION Multiparticulate formulation.
ACCESSION BD272007
VERSION BD272007.1 GI:33081775
KEYWORDS JP 2002537343-A/3.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS
TITLE
JOURNAL
JOURNAL
FEATURES
    source
        Location/Qualifiers
            1..21
                /organism="synthetic construct"
                /mol_type="genomic DNA"
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Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAGAGAGCAACG 2

RESULT 143
LOCUS BD272010/c
DEFINITION Multiparticulate formulation.
ACCESSION BD272010
VERSION BD272010.1 GI:33081778
KEYWORDS JP 2002537343-A/6.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Hardee,G.E., Tillman,L.G., Mehta,R.C. and Teng,C.L.
TITLE Multiparticulate formulation
JOURNAL Patent: JP 2002537343-A 6 05-NOV-2002;
JOURNAL ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002537343-A/6
PD 05-NOV-2002
PF 23-FEB-2000 JP 2000600661
PR 23-FEB-1999 US 09/256515
PT GREGORY E HARDEE,LLOYD G TILLMAN,RAHUL C MEHTA,CHING LEOU TENG
PC A61K47/28,A61K9/20,A61K47/10,A61K47/12,A61K47/14,PC
PC A61K47/32,A61K47/38,A61K47/48,A61K48/00,A61P35/00 CC Novel
Sequence
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FT /organism='Artificial Sequence'.
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Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAGAGAGCAACG 2

RESULT 143
LOCUS BD272010/c
DEFINITION Multiparticulate formulation.
ACCESSION BD272010
VERSION BD272010.1 GI:33081778
KEYWORDS JP 2002537343-A/6.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Hardee,G.E., Tillman,L.G., Mehta,R.C. and Teng,C.L.
TITLE Multiparticulate formulation
JOURNAL Patent: JP 2002537343-A 6 05-NOV-2002;
JOURNAL ISIS PHARMACEUTICALS INC
COMMENT OS Artificial Sequence
PN JP 2002537343-A/6
PD 05-NOV-2002
PF 23-FEB-2000 JP 2000600661
PR 23-FEB-1999 US 09/256515
PT GREGORY E HARDEE,LLOYD G TILLMAN,RAHUL C MEHTA,CHING LEOU TENG
PC A61K47/28,A61K9/20,A61K47/10,A61K47/12,A61K47/14,PC
PC A61K47/32,A61K47/38,A61K47/48,A61K48/00,A61P35/00 CC Novel
Sequence
FH Key Location/Qualifiers
FT source 1..21
FT /organism='Artificial Sequence'.
FEATURES
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                /mol_type="genomic DNA"
                /db_xref="taxon:32630"
Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAGAGAGCAACG 2
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